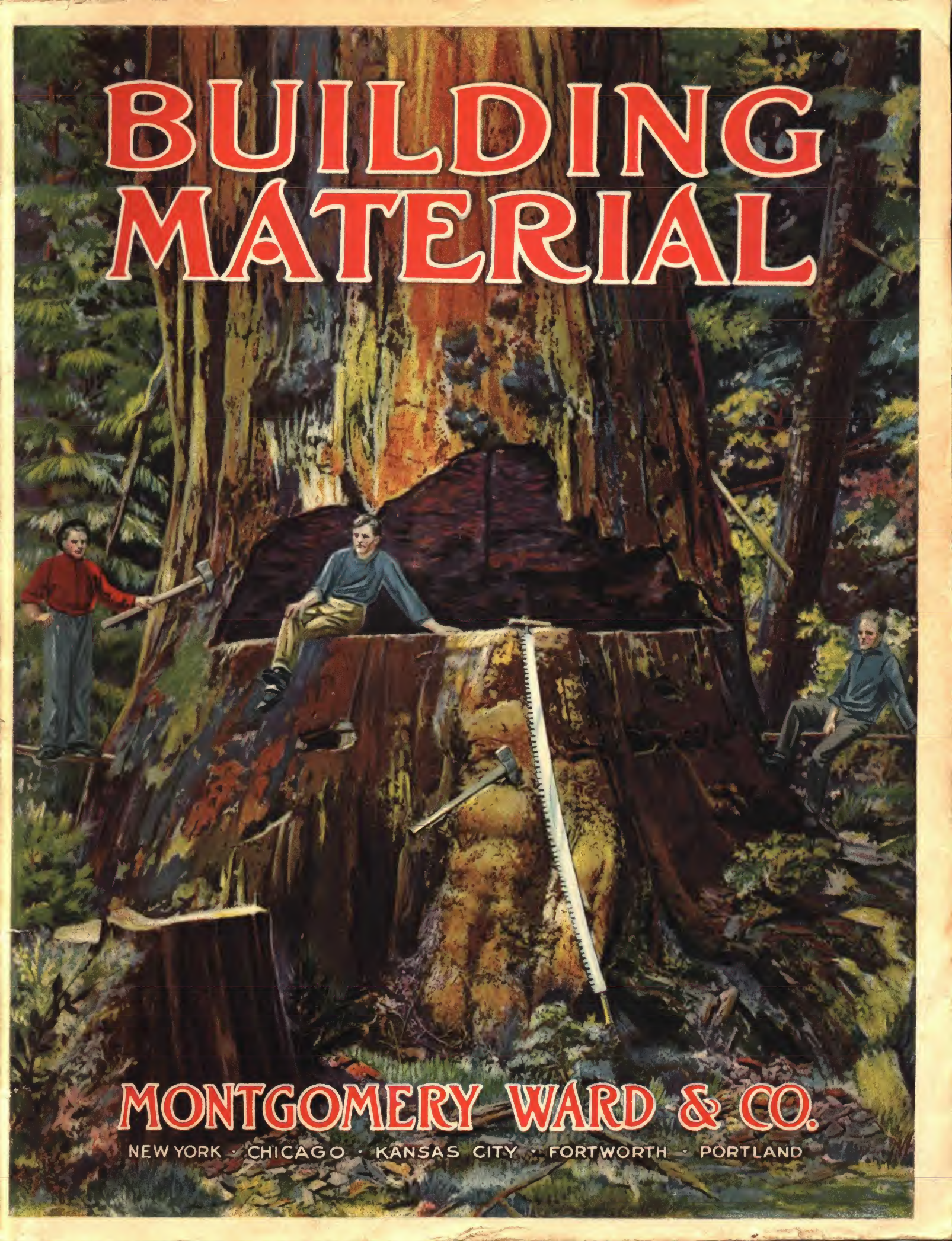


BUILDING MATERIAL



MONTGOMERY WARD & CO.

NEW YORK · CHICAGO · KANSAS CITY · FORTWORTH · PORTLAND

Our Lumber and Millwork Guarantee

THE Guarantee of this house has been written by *its patrons*. No promise that we can write is half as strong as the word of a million people who have definitely declared: "This house is absolutely on the square. I have dealt with it for years and **I know**." The steadfast endorsement of a million people is **the only real guarantee** that has the strength to hold up its head and look the world squarely in the face.

We guarantee that our grades of Lumber and Millwork, in every case, will be found equal to the grades adopted as the official standards of quality by the Manufacturers' Associations.

We promise you that every article illustrated or priced in this book will reach you precisely as described and in perfect condition and give entire satisfaction, or you may have your money back **without argument**, and what's more, we will refund you the transportation charges, both ways.

A Solid Foundation

In the building of your home you are perhaps making the largest single investment of your life. Naturally you are anxious to make every dollar go as far as possible.

But when you build a home, quality is more important than price, because, after all, the only *low priced* material is *good* material. You should insist on good materials—you are entitled to the best that can be purchased for the price you pay.

When you buy your materials from us you have the satisfaction of *knowing* that everything that goes into your home measures up to the best standards and in every case will be of the kind or quality exactly suited to the purpose for which we recommend it.

That's what we mean by a solid foundation—a good beginning that assures a satisfactory ending. We firmly believe that just as we have fully and completely satisfied thousands of other customers, just so can we satisfy you.

Montgomery Ward Co.

NEW YORK

CHICAGO

KANSAS CITY

FORT WORTH

PORTLAND



INDEX

How to Find Everything in Building Material



For Handy Reference

	Page
Books on Building.....	91
China Closets and Kitchen Cabinets.....	56-59
Concrete Block Machine Section.....	97-103
Consoles and Medicine Cabinets.....	55
Door Section.....	4-19
Electric Lighting Fixture and Supply Section.....	92-95
Fireplace Section.....	48-54
Frame Section.....	28-30
Glass.....	31, 74
Grille and Colonnade Section.....	42-47
Hardware and Roofing Section.....	76-85
Heating and Plumbing Section.....	86-88

For Handy Reference

	Page
Lumber Section.....	62-66
Metal Ceiling Section.....	69-72
Outside Moulding and Porch Material.....	40, 41
Paint Section.....	89, 90
Porch Material.....	40, 41
Plumbing and Heating Section.....	86-88
Roofing and Hardware Section.....	76-85
Screen Section.....	67, 68
Stair Material Section.....	37-39
Trim Section, Moulding, Casing and Other Interior Finish.....	32-36
Wall Board Section.....	60, 61, 75
Window Section.....	22-27

ALUMINUM PAINT	90
Anodized.....	49
Ash Dump.....	49
Ash Pit Door.....	49
BALUSTERS, PORCH	41
Balusters, Stair.....	38
Barn Door Hangers.....	84
Barn Paint.....	89
Barn Sash.....	27
Base Knobs.....	83
Bath Tubs.....	87
Bathroom Fittings.....	87
Bathroom Outfits.....	87
Bed Moulding.....	41
Blind Stop.....	41
Block Machines and parts.....	100, 101
Bolts, Door.....	83, 85
Books on Building.....	91
Box Window Frame.....	29
Brackets.....	40, 85
Brick Mould.....	29
Brick Veneer Frame.....	29-30
Builders' Hardware.....	81, 85
Building Papers.....	80
CABINETS, MEDICINE	55
Cap and Sill Mold.....	102
Casement Sash.....	25
Cathedral Glass.....	31
Ceiling, Metal.....	69-72
Cement Coating.....	89
Chimney Mold.....	102
China Closets.....	56-58
China Closet Doors.....	18
Colonnades.....	43-47
Colonial Windows.....	24
Column, Porch Molds.....	102
Concrete Coating.....	89
Concrete Machinery.....	97, 103
Console.....	55
Cottage Windows.....	22-23
Craftsman Doors.....	6, 7, 13
Craftsman Trim.....	36
Creosote Oil.....	89
Crown Moulding.....	40
Cupboard Catches.....	85
Cupboard Doors.....	19
DAMPER, DOME	49
Deadening Felt.....	80
Dome Damper.....	49
Doors, French.....	25
Doors, Paneled and Glazed.....	4-19
Door Bolts.....	83, 85
Door.....	32
Door Handles.....	83, 84
Door Hangers.....	84
Door Hardware.....	84
Door Lock Sets.....	81, 82
Door Pulls.....	84, 85
Drawers.....	59
Drawer Pulls.....	85
Drip Cap.....	40
ELECTRIC CONDUIT AND WIRE	93
Electric Wiring Materials and Supplies.....	93-95
Elastic Cement.....	79
Enamel, Radiator.....	90
Enamel, White.....	90
FANCY GLASS	31
Fence Paint.....	89
Fence Post Molds and Parts.....	97
Filler, Hardwood Paste.....	90
Filler, Liquid Wood.....	90
Fir Doors.....	12-16
Fireplaces.....	48
Floor Oil.....	90
Floor Paint.....	90
Floor Varnish.....	90
Floor Wax.....	90
Flooring, Hardwood.....	62-75
Frames, Door and Window.....	28-29
Frames, Inside Door.....	30
French Doors.....	25
French Windows.....	25
Fronts.....	14
Fronts, Store.....	73
Furnaces, Warm Air.....	88
GABLE ORNAMENTS	40
Gable Sash.....	25
Gate Hooks.....	74
Glass, Common.....	84
Gold Paint.....	90
Grates.....	48
Grilles.....	42
HARD-OIL VARNISH	90
Hardwood Filler.....	90
Hardwood Flooring.....	62, 75
Harness Hooks.....	84
Heating Plants.....	88
Hinges.....	84
Hoists, Barn Door.....	84
Home Plans.....	82
Hooks and Staples.....	84
Hooks, Clothes.....	85
Hotbed Sash.....	74
Hot Water Heating Plants.....	88
Hot Water Plants.....	88
House Paint.....	89
INTERIOR TRIM	32-36
KITCHEN CABINETS	58
LATCHES	83
Lath, Metal.....	59
Lath, Wood.....	66
Lattice.....	41
Lawn Vase Mold.....	102
Lead Glass.....	31
Letter Plates.....	83
Liquid Wood Filler.....	91
Locks, Door.....	82, 84
Lumber.....	62-66
MANTELS	50-51-52
Mantel Tile.....	53
Medicine Cabinets.....	55
Metal Ceiling.....	69-72
Metal Lath.....	59
Mirror Doors, How to Make.....	15

MISSION ART FINISH	90
MISSION TRIM	36
MIXERS, CONCRETE, HAND AND POWER	99
MORTAR COLOR	89
MOULDING	40
NEWEL, PORCH	41
Newel, Stair.....	37
NUMBERED NAILS	85
OAK FLOORING	62, 75
Oak Panel Doors.....	17
PAINT, ALUMINUM	90
Paint, Cold Water.....	89
Paint, Concrete and Cement.....	89
Paint, Coverall Barn.....	89
Paint, Coverall House.....	89
Paint, Flat Wall.....	90
Paint, Gold.....	90
Paint, Inside Floor.....	90
Paint, Metal Roofing.....	80
Paint, Porch Floor.....	90
Paint, Roof and Fence.....	89
Paint, Tower Brand.....	89
Panel Doors.....	17-19
Pantry Case.....	58
Parting Stop.....	41
Plain Rail Windows.....	75
Plaster Board.....	60-80
Plate Rail.....	35, 36
Plumbing.....	86
Porch Brackets.....	40
Portable Baskets.....	49
Prepared Roofing.....	76, 80
Protecto Wallboard.....	60
Pumice Stone, Powdered.....	90
Push Buttons.....	81, 82
Push Plates.....	82
Putty Knives.....	74
Putty in Tins.....	90
Putty Outfit.....	89
RADIATOR ENAMEL	90
Rail, Stair.....	39
Reinforcement for Concrete Fence Posts.....	97
Rollers, Door.....	84
Roofs, Silo, Steel.....	103
Roof Paint.....	89
Roofings, Prepared.....	76, 80
Roofing Accessories.....	80
Roofing Composition.....	77, 80
Roofing Felt.....	80
Roofing Nails.....	80
Roofing Washers.....	80
Rotten Stone, Powdered.....	90
Rubber Weather Strips.....	74
Rubbing Felt.....	90
Rubbing Oil.....	90
SASH, BARN	27
Sash, Casement.....	27
Sash Cord.....	25
Sash Fasteners.....	29
Sash Frame.....	29
Sash, Gable.....	25, 26
Sash, Hot Bed.....	74
Sash Lifts.....	85
Sash Pulleys.....	85
SASH, STALL	27
SASH WEIGHTS	59
SCREENS, DOOR AND WINDOW	67, 68
SCREENS, FIREPLACE	49
SCREEN HANGERS	85
SCREEN MOLD	40
SCREWS	84, 85
SEAL-TITE WATERPROOFING	89
SHEATHING PAPER	80
SIDE GLASS	31
SHELF BRACKETS	85
SHINGLES, WOOD	66
SHINGLES, PREPARED	77
SHINGLE STAIN	89
SIDE OF TRIM	32-33
SIDE LIGHTS	14
SIDE LIGHT FRAMES	14
SIDING, WHITE PINE	74
SILL AND CAP MOLD	102
SILOS, STAVE	103
SILLO PAINT	89
SILLO ROOFS, STEEL	103
SINK BOARD	59
SINK FITTINGS	87
SINK TRIMMINGS	59
SIZE, FRESCO WALL	90
SLIDING DOORS	18
SOCKETS, IRON	102
SPARK GUARD	49
STAINS, OIL WOOD	90
STAIR MATERIAL	37-38-39
STALL SASH	27
STEAM HEATING PLANTS	88
STEAM PLANTS	88
STEEL WOOL	90
STOP	40
STOP SCREWS	85
STORE FRONTS	74
STORM DOORS	20
STORM SASH	21
SUPERB WALL BOARD	61
SYSTEMS	96
TANKS, GASOLINE, UNDER-GROUND	102
TILE	53, 54
TILE FLOORING	54
TILE MANTELS	52
TRANSOMS	27
TRANSOM LIFTERS	85
TRANSOM PIVOTS	85
TRIM	32-36
TURN DOOR BELLS	81, 82
VARNISH	94
Vase, Lawn, Mold.....	102
WALL FINISH	90
Wall Size.....	90
WALLBOARD, WONDER	60-61-75
WARM AIR FURNACES	88
WATERPROOFING FOR CEMENT OR PLASTER	89
WEATHER STRIP	59
WEIGHT, SASH	59
WELL CURBING MOLD	102
WHITE ENAMEL	90
WHITE PINE SIDING	67
WINDOWS	22-27
WINDOW SCREENS	38
WINDOW TRIM	33
WINDOWS, PLAIN RAIL	75
WOOD FILLER	90
WOOD PRESERVATIVE	89
WOODRACK	49
WOOD STAINS	90

Montgomery Ward Co.

Chicago Avenue Bridge,

CHICAGO

Have you our large General Catalogue? We send it on request

Montgomery Ward Co.



Save \$500.00 on Your Home

Others have saved that much and more by building one of the homes shown on this page or in our new Book of Homes. Maybe you can do the same. Read below what some of our customers say, and send today for the Book of Homes, and see for yourself what savings we offer you.

Saved \$350.00 to \$400.00

Montgomery Ward & Co.

Chicago, Ill.

Gentlemen: Referring to material furnished by your Company for the erection of my house, I feel that I have made a saving of from \$350 to \$400 over what such material would

have cost me in the open market. The quality of the lumber was excellent, as was all other material furnished. I have been perfectly satisfied with the result of my dealings with you, and should I have any further building to do in the future, you may expect to hear from me.

Very truly yours,

Thorvald B. Lindboe.

3227 N. Keating Ave.



She Saved \$400.00

Alanson, Mich.

Montgomery Ward & Co.:

The lumber and finishing material are much better than I could have gotten here. I have saved about \$400.00 on bill. I am more than pleased with my dealings with Montgomery Ward's Lumber Department.

Very truly yours,

May C. Krueger.



Photograph of Home No. 179.
See Mr. Lindboe's Letter.

Contractor Saves \$250.00

Lafferty, O.

Montgomery Ward & Co.:

With reference to prices, you were different from local firms, and I find the difference greater than expected. Your prices were \$250.00 less than local firms, and I expect to become a customer of yours from now on.

Yours truly,

Jno. Work.



We are Receiving Letters Like these Every Day

Saved \$500.00 More Than Satisfied

Hartley, Iowa.

Montgomery Ward & Co.

Gentlemen: In regard to building material I bought of you, for House No. 171. I am more than satisfied. The hardware and paint were good, also. Enclosed find picture of house. I always have a good word for Montgomery Ward & Co. In regard to the saving on Home 171, will say that I have saved \$500.00. I had it figured at a number of places and the saving on paint is quite an item.

Yours truly,

John Sittler.

Mr. Sittler built Home No. 171.

Surpassed His Expectations

Freeport, Ill.

Montgomery Ward & Co.

Your several favors at hand. I had not expected a refund on the shipment of flooring, but am very pleased with the treatment received from you, for which kindly accept my thanks. The car of lumber is at hand and unloaded, and wish to say that it is the best lot of lumber I have ever seen, and surpasses my expectations. The shipment of lumber has been examined by several local builders who have become interested in your material.

Yours truly,

Emil Semmann.

Mr. Semmann built our Home No. 101.



An Old Customer Saves \$500.00

Blakely, Minn.

Montgomery Ward & Co.

Dear Sirs: I received your lumber all O. K. and am very pleased, for I know I couldn't get that kind of material here for the money that I sent you. I saved at least \$500.00.

I have also been a fair customer to you for nine years, and will stay with you.

Respectfully yours,

Ferdinand Castens.

Saved Enough to Buy a Driving Horse

Suamico, Wis.

Montgomery Ward & Co.:

The building material I bought of you last Fall, I saved about one-third on it. I went to my nearest town and got prices, and when I got home, I took your Millwork Catalogue and compared prices and found I could save one-third. So I ordered from your catalogue and everything came O. K. I have now a nice new house and the third which I had left I bought my third horse to go out driving. I have dealt with Montgomery Ward & Company for 25 years and I was always treated fair. I am today sending you an order for \$24.52.

From a customer,

H. J. Gierke.



Send Today for This Money-Saving Book

If you are going to build a new home you should have our Book of Homes. It illustrates and describes more than 60 Homes. Real "homey" homes they are, with all the guesswork, all the uncertainty, left out.

When you build one of these homes you know that you are going according to plans that are complete and correct in every detail; that the bill of material you are using will actually build the house, so that there will be no extras of any kind; that the material which goes into your home is the best that can be obtained for each particular purpose; and above all, you have the sense of satisfaction that comes from knowing that you have received the fullest value possible for every dollar you have spent. Don't take another step until you get this book. Write for it today.





FACTORY FACTS



Direct from Mill and Factory

When you order from this book you get the benefit of the most economical methods of distribution that have been devised in the building material business. With factories and lumber plants located to the best possible advantage, on direct lines of shipment from the forests and sources of raw materials, our volume of business enables us to reduce the cost of handling to the minimum. No extra yard expense here, no lost motion in shipping, no big profits between you and the cost of the material. Is it not reasonable to believe that Montgomery Ward & Company can save you money on your building material and satisfy you in every particular?



Millwork Factory in Iowa

One of the most up-to-date and best equipped millwork factories in the country. Every improvement, every labor-saving device, every new idea—that will cut cost and enable us to give you better values and lowest prices—has been adopted. The result—we are shipping millwork into every state in the Union, and foreign countries as well, at a very substantial saving to our customers.

Lumber Yards and Mills

From big yards at St. Louis we ship lumber into the Central and Northern States. From Southern sawmills we ship lumber to points in the South and the Eastern States. From the Pacific Coast we ship Fir, Red Cedar, and Spruce lumber into the Western and Northwestern States. No matter where you live we can reach you quickly and easily from some of these points.

Prompt Shipments

Immense stocks are carried at each of these points, and our handling, loading and switching facilities are unexcelled. As a result, we can have regular stock orders of lumber on the road to you in from three to seven days, and stock millwork in three to five days. Regular stock orders of millwork are often shipped the day they are received at the factory.

Packing

All material is packed with special care. Many small items of millwork are packed in paper cartons, which keeps them clean and bright, and every item is packed in a way that long experience has shown to be the best. Examine the goods on arrival. If there is any damage, have the freight agent make a notation on the freight bill, send it to us, and we will either replace the goods or return your money, just as you desire.



Freight Charges

Freight charges amount to little. Each item is packed so as to take the lowest classification. The weight of each item is given in the description, and on the last page you will find a schedule of freight rates from which you can see for yourself that the freight is a small item, considering the saving you make.

Prices

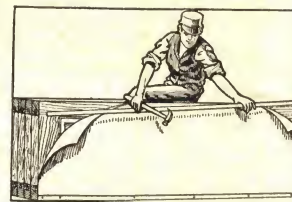
Our prices are on board the cars at the shipping point, from where the customer pays the freight. These prices are based on market conditions at the time this book was published. We give you the benefit of market changes wherever possible, and will not change our prices until a new book is issued or in case of some emergency which we cannot foresee and which is beyond our control.

Sizes and Grades

The sizes and grades given in this book are the sizes and grades that have been adopted by the Manufacturers' Associations as the official standards.

Made to Order Goods

You will save the most money by using the regular stock sizes and patterns wherever possible. Special items have to be made special, which means an extra expense in manufacturing and a delay of 10 to 20 days in shipping.



Terms

Cash with Order

Our regular terms are cash with order. You are perfectly safe in sending the full amount because our Guarantee protects you fully.

C. O. D.

On orders of \$50.00 or more we will accept a remittance of one-fourth, the balance C. O. D. We do not recommend this method, as it means a little delay and a little extra expense to you. When ordering this way be sure to arrange to take care of the balance when the goods arrive, and tell us the name of the bank through which you desire collection to be made.

Bank Guarantee

We will also ship orders of \$50.00 or more on receipt of a letter from your bank, stating that the money will be paid within five days from receipt of goods, if found to be as represented.

Building and Loan Associations

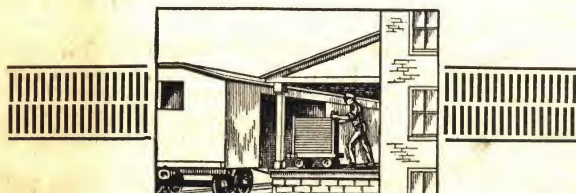
Building and Loan Associations usually require a certain amount of construction work to be done before paying over any money to the builder. If you are getting your loan through a responsible concern we may be able to arrange special terms so you can take advantage of our low prices. Be sure to write us for information and tell us just how you are situated.

How to Order

Use our regular order blank or any plain piece of paper. Be sure to give the numbers as listed in the catalogue, also sizes and amounts required. In giving dimensions, ALWAYS GIVE WIDTHS BEFORE LENGTHS.

How to Send Money

You may send money by your Personal Check if you have a bank account, by Post-Office Money Order, Express Money Order, Bank Draft or Cash by Registered Letter. If you live on a rural route and desire to send Post-Office Money Order, your letter carrier will buy the money order for you and will enclose and mail it to us with your letter. Simply give him the money and your letter. He will do the rest. You need not go to the Post-Office. We will guarantee the safe arrival of money sent in any of the above ways.

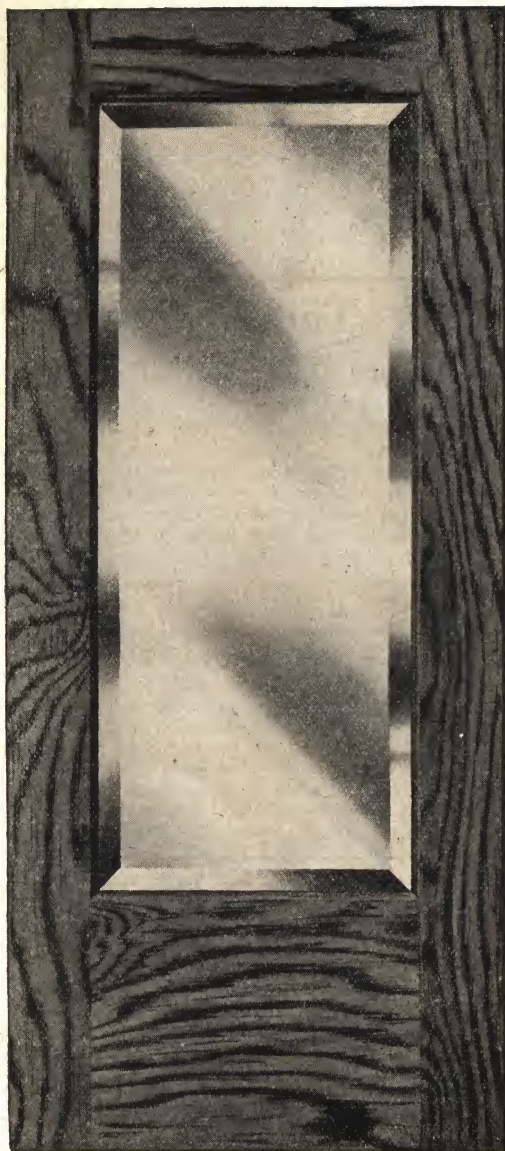




Home No. 175
Shown in Our New Book
of Homes

Hardwood Front Doors

Doors like these increase the value and appearance of your home to a wonderful degree. The veneer is cut by the Rotary Cut Process, which preserves the beautiful grain of the wood. Each door a work of art.



WASHINGTON, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		VENEERED OAK		Size of Glass Inches	Approximate Shipping Weight Bevel Plate Pounds
Width Feet Inches	Length Feet Inches	Glazed Bevel Plate	Glazed Double Strength		
2 8 x 6 8		278X175	278X176	20x56	105
3 0 x 7 0		\$11.75	\$6.85	24x60	120
		13.95	7.18		

Shipped from factory in Iowa.

ADAMS, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		VENEERED OAK		Size of Glass Inches	Approximate Shipping Weight Bevel Plate Pounds
Width Feet Inches	Length Feet Inches	Glazed Bevel Plate	Glazed Double Strength		
2 8 x 6 8		278X178	278X179	20x56	105
3 0 x 7 0		\$11.90	\$6.90	24x60	120
		14.10	7.25		

Shipped from factory in Iowa.

IN the building of your home you cannot be too particular in the selection of your doors. You want doors that will give you good service. You want individuality that will make your home distinctive. You want designs that harmonize with the best modern ideas.

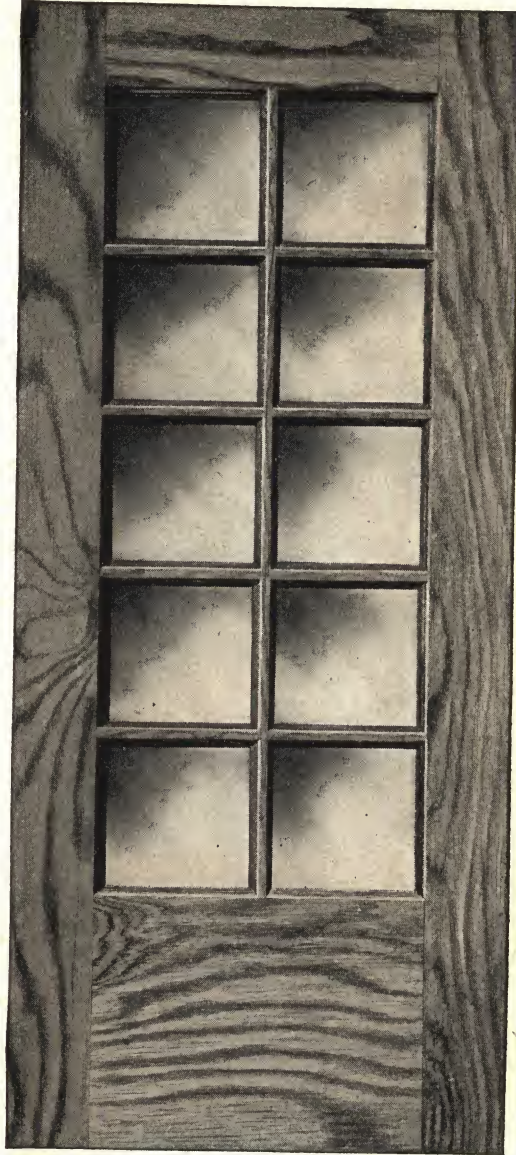
These elements will be found in the doors shown in the following pages. Read specifications at bottom of following pages.

Observe how we have adopted every feature of construction that helps to give you a better door and more value for your money.

No matter what your requirements, you can select your doors from this book with the comfortable feeling that you are getting the product of the door maker's highest skill, at real money-saving prices.

Hardwood Front Doors

The two beautiful designs shown below are sure to please. The Jackson is especially suitable for the bungalow, while the Jefferson harmonizes with any style home. Either will go nicely in a complete door front.



JEFFERSON, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		Veneered Oak With Bevel Plate 278X181	Size of Glass, Inches, 22x58	Approximate Weight, Pounds 80
Width Feet Inches	Length Feet Inches			
2 8	x 6 8	\$14.25	18x54	80
2 9	x 7 0	\$16.95	22x58	90

Shipped from factory in Iowa.

JACKSON, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		Veneered Oak With Plain Plate 278X184	Size of Glass Inches 9 $\frac{3}{4}$ x10 $\frac{3}{4}$ 11 $\frac{1}{8}$ x11 $\frac{1}{2}$	Weight, Plate Glass, Pounds 78 88
Width Feet Inches	Length Feet Inches			
2 8	x 6 8	\$11.15	9 $\frac{3}{4}$ x10 $\frac{3}{4}$	78
3 0	x 7 0	\$12.65	11 $\frac{1}{8}$ x11 $\frac{1}{2}$	88

Shipped from factory in Iowa.

VENEERED DOORS. Our veneered doors are made with a built-up core or center, made of separate strips, dovetailed and glued together under tremendous pressure with the best veneer glue obtainable. This forms a core that is superior to a solid core because it cannot warp or twist. The veneer is selected Clear Red Oak, cut by the celebrated Rotary Cut method, which brings out all the beautiful grain of the wood.

GLASS. Best quality plate and double strength. Note the extra large size glass in Jefferson door. Full two-inch bevel.

FURNISHED "IN THE WHITE," that is, not filled or varnished. Comes to you ready for finishing.

SIDE STILES AND TOP AND BOTTOM RAILS made extra wide, giving extra strength and a massive appearance.

SAFE DELIVERY. Packed with unusual care so as to reach you in perfect condition.

FRAMES for these doors shown on page 30.

OAK TRIM shown on pages 32, 34, 35 and 36.

HOW TO CARE FOR VENEERED DOORS. See page 7.

Be sure to plan for tile flooring in your kitchen and bathroom

Montgomery Ward & Co.



Home No. 168
Shown in Our Book of
Homes

Craftsman Oak Doors

The Craftsman Door continues to be justly popular, because it is practical as well as beautiful. The designs on these pages are good examples of the Craftsman style.



CRAFTSMAN W, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		Veneered Oak With Bevel Plate 278X187	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches		
2 3	8 0 x 6 8	\$12.90 13.75	85 95

Shipped from factory in Iowa.

CRAFTSMAN A, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		3 Ply Veneered Oak With Leaded Art 278X190	Approximate Weight Pounds
Width Feet Inches	Length Feet Inches		
2 3	8 0 x 6 8	\$9.90 10.25	85 95

Shipped from factory in Iowa.

CRAFTSMAN W DOOR is what is known as the Sanitary or Slab door. It has no surfaces to catch dust or dirt, and for this reason is extensively used in hospitals. Popular for use in residences because of its easy cleaning properties and real beauty. The picture above does not begin to do justice to the beauty of this door. The broad flat surface brings out the beautiful oak grain and the door itself is full of dignity and character.

Craftsman A has three panels below and is furnished with Colored art glass, set in lead bars.

Side Stiles and Top and Bottom Rails are made extra wide, which gives it a rich, massive effect and also permits the use of large, heavy hardware.

All doors furnished "In the White," not filled or varnished.

Frames for these doors on page 30.

Craftsman Trim on pages 32 and 36.

Craftsman Oak Doors

A front door and interior door to match. Craftsman R is one of our most popular doors. Craftsman D is also used with the front door shown on page 6.



Home No. 122
Shown in our Book of
Homes



CRAFTSMAN R, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		Three Ply	Veneered Oak With Plain Plate 278X193	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches			
2 8 x 6 8		\$ 9.65	80
3 0 x 7 0		10.80	95

Shipped from factory in Iowa.

CRAFTSMAN D, Furnished in Oak, 1 $\frac{3}{4}$ Inches Thick

SIZES		Veneered Oak Panel Door 278X196	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches		
2 8 x 6 8	\$5.05	75
3 0 x 7 0	6.05	85

Shipped from factory in Iowa.

OTHER PANEL OAK DOORS on page 17.

OUTSIDE AND INSIDE DOOR Frames shown on page 30.

CRAFTSMAN TRIM shown on pages 32, 33 and 36.

How to Care for Veneered Doors

Veneered Doors should be carefully protected from dampness until they have been filled and varnished. Immediately on arrival, it is advisable to apply a light coat of filler. As soon

as door has been fitted, paint the top and bottom edges with white lead and oil. Keep the doors in a dry place until ready to hang, and be sure that the plastering is entirely dry before hanging the doors. For finishing outside doors use only the best grade of outside spar varnish, such as our No. 75WS600 shown in our Paint Catalogue. Give them a new coat whenever necessary. If given reasonable care these doors will give satisfaction for the life of the house itself.

Install a heating plant now. Send for our new Heating Catalogue

Montgomery Ward & Co.



Home No. 184
Shown in our Book of
Homes

"A" White Pine Front Doors

Each Design We Offer Has Proved Itself By Its Popularity



Van Dyke Door, "A" White Pine
Thickness, 1 $\frac{3}{8}$ inches

Width		Length		278X198 Bevel Plate Glass	Size of Glass Inches
Feet	Inches	Feet	Inches		
2	6	x	6	\$5.30	20x30
2	8	x	6	6.35	22x32
2	10	x	6	7.75	24x34
2	8	x	7	7.60	22x36
3	0	x	7	8.75	26x36

Stowe Door, "A" White Pine
Thickness, 1 $\frac{3}{8}$ inches

Width		Length		278X200 Leaded Glass	Weight
Feet	Inches	Feet	Inches		
2	6	x	6	\$5.25	40 pounds
2	8	x	6	5.55	47 pounds
2	10	x	6	6.30	47 pounds
2	8	x	7	6.25	46 pounds
3	0	x	7	6.85	50 pounds

Edwards Door, "A" White Pine
Thickness, 1 $\frac{3}{8}$ inches

Width		Length		278X202 Fancy Sheet Glass	278X203 Double Strength Glass
Feet	Inches	Feet	Inches		
2	6	x	6	\$3.60	\$3.35
2	8	x	6	3.75	3.60
2	10	x	6	4.30	4.15
2	8	x	7	4.25	4.10
3	0	x	7	4.65	4.50

SHIPPED FROM FACTORY IN IOWA

Material—Strictly "A" grade White Pine doors, the highest quality made.

Thickness—Any door on this page can be furnished 1 $\frac{3}{4}$ inches thick for \$1.25 more than above prices. In ordering be sure to state thickness wanted.

Extra Wide Stiles and Rails—Give greater strength and massive appearance and permit use of heavy lock sets.

Glass—Van Dyke Door has best quality plate, full 2-inch bevel. Stowe Door has Crystal Sheet Glass set in Lead Bars. Edwards Door has artistic Sand Blast design or Plain Double Strength. Size of glass the same on all of these doors.

Furnished in the White, not filled or varnished. Come to you ready for finishing.

Door Frames shown on page 30; trim on pages 32, 33, 34, 35 and 36.

Approximate Weights.

Size of Doors		Van Dyke Door	Edwards Door
2 feet 6 inches x 6 feet 6 inches.....		45 pounds	40 pounds
2 feet 8 inches x 6 feet 8 inches.....		52 pounds	42 pounds
2 feet 10 inches x 6 feet 10 inches.....		53 pounds	44 pounds
2 feet 8 inches x 7 feet 0 inches.....		54 pounds	44 pounds
3 feet 0 inches x 7 feet 0 inches.....		62 pounds	48 pounds

"A" White Pine Front Doors

You Can Take a Just Pride in Owning Doors Like These



Home No. 183
Shown in our Book of
Homes



LONGFELLOW DOOR, "A" White Pine,
Thickness, $1\frac{3}{4}$ Inches

SIZES		Bevel Plate Glass	Double Strength Glass
Width Feet Inches	Length Feet Inches	278X204	278X205
2 8 x 6	8	\$10.85	\$7.00
2 10 x 6	10	12.60	7.50
2 8 x 7	0	12.10	7.60
3 8 x 7	0	13.90	8.00

HOLMES DOOR, "A" White Pine,
Thickness, $1\frac{3}{4}$ Inches

SIZES		Plain Plate Glass	Size of Glass Inches
Width Feet Inches	Length Feet Inches	278X206	
2 8 x 6	8	\$9.85	9 3/4 x 10 3/4
2 10 x 6	10	10.45	10 5/8 x 11 3/8
2 8 x 7	0	10.25	9 3/4 x 11 1/2
3 8 x 7	0	10.65	11 5/8 x 11 1/2

BRYANT DOOR, "A" White Pine,
Thickness, $1\frac{3}{4}$ Inches

SIZES		Bevel Plate Glass	Size of Glass Inches
Width Feet Inches	Length Feet Inches	278X208	
2 8 x 6	8	\$12.05	18x54
2 10 x 6	10	13.75	20x56
2 8 x 7	0	13.20	18x58
3 8 x 7	0	15.15	22x58

SHIPPED FROM FACTORY IN IOWA

THICKNESS. Note that these doors are $1\frac{3}{4}$ inches thick. We do not recommend $1\frac{3}{8}$ -inch doors with long lights of plate glass.

MATERIAL. Strictly "A" grade White Pine doors, the highest quality made.

GLASS. Best Quality Plate, full 2-inch bevel in Longfellow and Bryant doors; plain plate in Holmes door. Glass in Longfellow door same size as in Bryant door.

EXTRA WIDE STILES AND RAILS. Give greater strength and massive appearance and permit use of heavy lock sets.

FURNISHED IN THE WHITE, not filled or varnished. Come to you ready for finishing.

DOOR FRAMES shown on page 30. Trim on pages 32, 33, 34, 35 and 36.

APPROXIMATE WEIGHTS, PLATE GLASS

Size of Doors			Weights
2 feet	8 inches x 6 feet	8 inches	90
2 feet	10 inches x 6 feet	10 inches	95
2 feet	8 inches x 7 feet	0 inches	95
3 feet	0 inches x 7 feet	0 inches	100

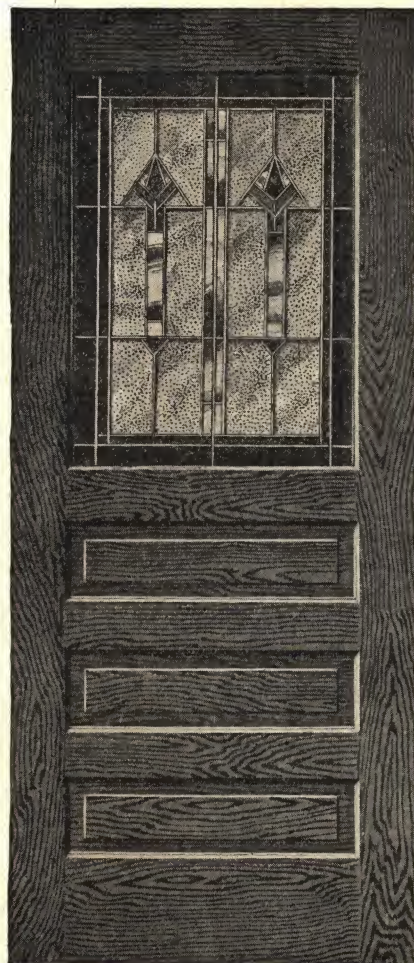
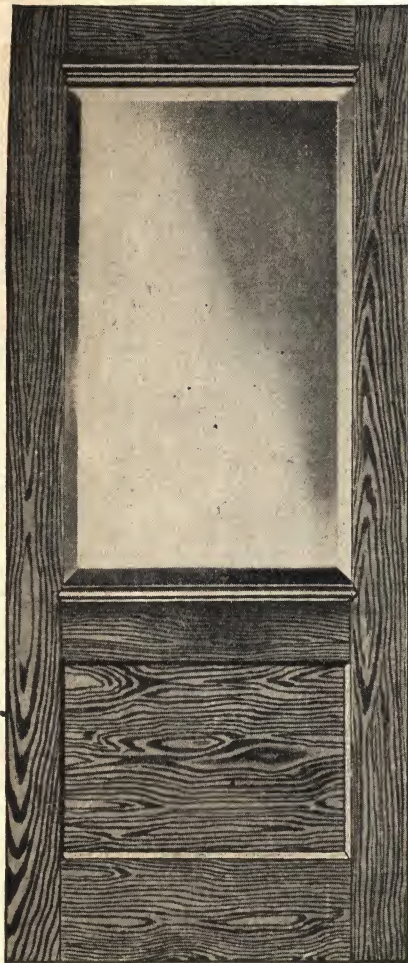
A full-length mirror is appreciated by everyone. See page 15

Montgomery Ward & Co.



"A" White Pine Front Doors

Correct Proportions, Artistic Designs, Best of Workmanship and Material



LOWELL, "A" White Pine Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Bevel Plate Glass	Double Strength Glass
Width Feet Inches	Length Feet Inches	278X210	278X211
2 8 x 6 8		\$7.75	\$4.20
2 10 x 6 10		8.90	4.45
2 8 x 7 0		8.75	4.55
3 0 x 7 0		9.75	5.00

COOPER, "A" White Pine Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Glass as Illustrated Leaded Art	Size of Glass Inches
Width Feet Inches	Length Feet Inches	278X212	
2 6 x 6 6		\$5.95	20x30
2 8 x 6 8		6.75	22x32
2 10 x 6 10		7.45	24x34
2 8 x 7 0		7.40	22x36
3 0 x 7 0		8.25	26x36

IRVING, "A" White Pine Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Bevel Plate Glass	Double Strength Glass
Width Feet Inches	Length Feet Inches	278X214	278X215
2 8 x 6 8		\$8.50	\$4.85
2 10 x 6 10		9.50	5.45
2 8 x 7 0		9.35	5.50
3 0 x 7 0		10.35	5.75

SHIPPED FROM FACTORY IN IOWA

MATERIAL. Strictly "A" grade White Pine doors, the highest grade made.

THICKNESS. Any door on this page can be furnished 1 $\frac{3}{4}$ inches thick for \$1.25 extra in addition to prices quoted. In ordering be sure to state thickness as well as size.

FURNISHED IN THE WHITE, not filled or varnished.

COOPER DOOR has colored art glass set in lead bars. Irving door has carved wood wreath.

DOOR FRAMES for these doors shown on Page 30.

TRIM FOR DOORS shown on pages 32, 33, 34, 35 and 36.

APPROXIMATE WEIGHTS OF DOORS ON THIS PAGE

Sizes.	Weight
2 feet 6 inches x 6 feet 6 inches.....	50 pounds
2 feet 8 inches x 6 feet 8 inches.....	55 pounds
2 feet 10 inches x 6 feet 10 inches.....	57 pounds
2 feet 8 inches x 7 feet 0 inches.....	57 pounds
3 feet 0 inches x 7 feet 0 inches.....	60 pounds

SIZE OF GLASS IN LOWELL AND IRVING DOORS

Size Door.	Size Glass,
2 feet 8 inches x 6 feet 8 inches.....	22x40 inches
2 feet 10 inches x 6 feet 10 inches.....	24x42 inches
2 feet 8 inches x 7 feet 0 inches.....	22x44 inches
3 feet 0 inches x 7 feet 0 inches.....	26x44 inches

"A" White Pine Front Doors

Doors Like These Give Character to the Front Entrance



WHITTIER, "A" White Pine,
Thickness, 1 $\frac{3}{4}$ Inches

SIZES		Bevel Plate Glass 278X222	Size of Glass, Inches
Width Feet Inches	Length Feet Inches		
2 8 x 6 8		\$ 9.95	20x56
2 10 x 6 10		11.95	22x58
2 8 x 7 0		12.30	20x60
3 0 x 7 0		13.30	24x60

RILEY, "A" White Pine,
Thickness, 1 $\frac{3}{4}$ Inches

SIZES		Bevel Plate Glass 278X224	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches		
2 8 x 6 8		\$11.50	72
2 10 x 6 10		12.45	75
2 8 x 7 0		12.80	75
3 0 x 7 0		13.00	85

FIELD, "A" White Pine,
Thickness, 1 $\frac{3}{4}$ Inches

SIZES		Bevel Plate Glass 278X227	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches		
2 8 x 6 8		\$10.20	67
2 10 x 6 10		12.15	70
2 8 x 7 0		12.50	70
3 0 x 7 0		13.50	85

SHIPPED FROM FACTORY IN IOWA

THICKNESS. Note that these three doors are 1 $\frac{3}{4}$ inches thick. We do not recommend 1 $\frac{1}{8}$ inch doors with long lights of plate glass.

MATERIAL. Strictly "A" grade White Pine doors, the highest grade made.

GLASS. Best quality Polished Plate, with full 2 inch bevel.

EXTRA WIDE SIDE STILES AND END RAILS. Gives extra strength and massive appearance, and permits the use of highest grade heavy hardware.

APPROXIMATE WEIGHT OF WHITTIER DOOR. Same as Field. See table.

SIZE OF GLASS IN FIELD DOOR. Same as Whittier. See table.

FURNISHED IN THE WHITE, not finished. Comes to you ready for finishing.

DOOR FRAMES for these doors shown on page 30.

TRIM FOR DOORS shown on pages 32, 33, 34, 35 and 36.

See our line of Builders' Hardware on the last pages of this book

Montgomery Ward & Co.



Home No. 186
Shows in Our Book of
Homes

Highest Quality Fir Doors



MANOR, One Panel, Clear Fir

SIZES		278X235	
Width Feet Inches	Length Feet Inches	Thickness 1 1/4 Inches	Thickness 1 1/2 Inches
2 0	x 6 0	\$1.94	.....
2 0	x 6 6	2.27	.....
2 0	x 6 8	2.32	.....
2 6	x 6 6	2.35	.....
2 6	x 6 8	2.36	.....
2 6	x 7 0	2.37	.....
2 6	x 7 0	2.38	.....
3 0	x 7 0	2.39	.....
		4.08	.....

VILLA, Two Panel, Clear Fir

SIZES		278X236	
Width Feet Inches	Length Feet Inches	Thickness 1 1/4 Inches	Thickness 1 1/2 Inches
2 0	x 6 0	\$1.80	.....
2 0	x 6 6	2.01	.....
2 0	x 6 8	2.06	.....
2 6	x 6 6	2.04	.....
2 6	x 6 8	2.08	.....
2 6	x 7 0	2.40	\$3.15
3 0	x 7 0	2.46	.....
		2.64	3.99

BUNGALOW, Five Cross Panel, Clear Fir

SIZES		278X237	
Width Feet Inches	Length Feet Inches	Thickness 1 1/4 Inches	Thickness 1 1/2 Inches
2 0	x 6 0	\$1.58	.....
2 0	x 6 6	1.77	.....
2 0	x 6 8	1.81	.....
2 6	x 6 6	1.80	.....
2 6	x 6 8	1.83	.....
2 6	x 7 0	1.84	\$2.77
3 0	x 7 0	2.11	.....
		2.28	3.51

SHIPPED FROM FACTORY IN IOWA

FIR, THE WOOD WITH THE BEAUTIFUL GRAIN. There is no more beautiful wood than Oregon Fir. The panels in the one and two panel doors shown above are cut by the celebrated Rotary Cut process which brings out the grain in its full beauty. These panels are laminated or built-up, the same as our high grade oak doors. The panels in the five panel doors are cut slash-grain which gives the same effect, while the side stiles and end and cross rails in all our Fir doors are made of Fir cut edge-grain or quarter sawed, which gives the greatest strength. This combination makes a door with the beauty and strength of a hardwood

door, at the price of a pine door. As a result Fir doors are being specified for the highest class residences and public buildings. Furnished in the White, not finished.

FIR TRIM. A complete line of Fir Trim and Stair Material will be found on pages 32, 34, 35, 38 and 39. Remember, however, that Fir doors can be finished to match Yellow Pine trim if desired.

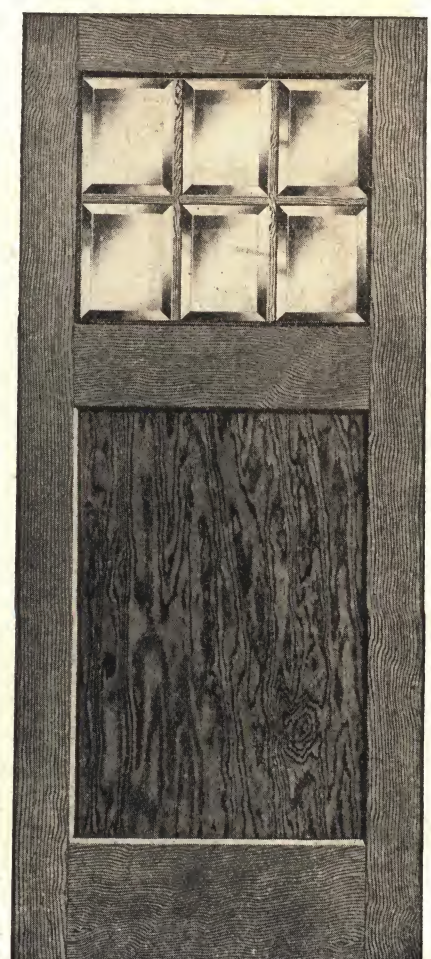
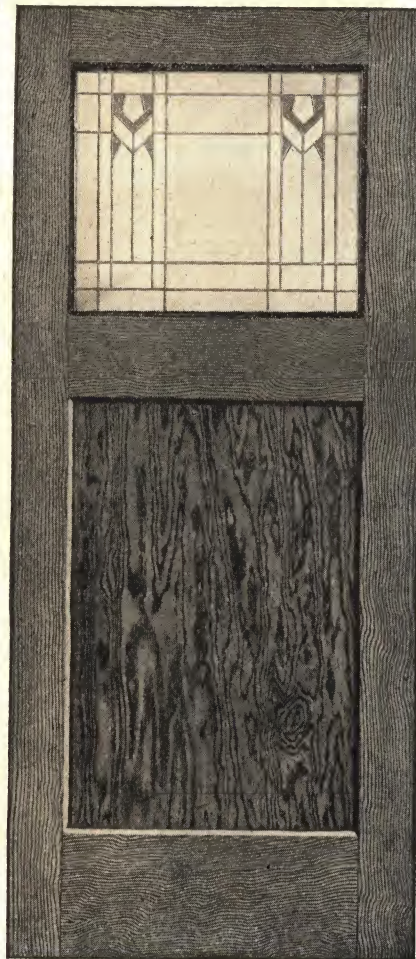
SHIPPING WEIGHTS. Average shipping weight of Fir doors, 1 3/8 inch, 40 pounds, 1 1/4 inch, 50 pounds.

THICKNESS. When ordering give thickness wanted.

Handsome Fir Front Doors



Home No. 179
Shown in our Book of
Homes



CRAFTSMAN FIR, Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Glass as Illustrated	Bevel Plate Glass
Width Feet Inches	Length Feet Inches	278X240	278X241
2 3	8 x 6 7	\$5.90 6.80	\$4.65 5.35

CRAFTSMAN FIR, Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Bevel Plate Glass
Width Feet Inches	Length Feet Inches	278X248
2 3	8 x 6 7	\$5.45 6.20

CRAFTSMAN FIR, Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Bevel Plate Glass
Width Feet Inches	Length Feet Inches	278X250
2 3	8 x 6 7	\$6.30 7.25

SHIPPED FROM FACTORY IN IOWA

MATERIAL. In these doors there is the same combination of beautiful Rotary Cut panels and Edge-grain side, end and center stiles and rails, with glass above. Panels are laminated or built-up in the strongest possible manner. These designs are new, and have never been shown before in this or any other catalogue. They are artistically, architecturally and mechanically correct and are sure to be popular.

GLASS. Door 278X240 is furnished with Art Glass, set in Metal Bars. No. 278X241 is furnished with one light of high grade Polished Plate, two inch Bevel. No. 278X248 and 278X250 are furnished with Bevel Plate, set in Wood Bars.

THICKNESS. These doors can be furnished 1 $\frac{3}{4}$ inches thick for \$1.00 per door extra, in addition to above prices. Be sure to give thickness wanted.

FURNISHED IN THE WHITE, not finished.

FIR TRIM. A complete line of Fir Trim on pages 32, 34, 35, 38 and 39. Remember, these doors will match Yellow Pine Trim.

SHIPPING WEIGHTS. The doors on this page weigh approximately as follows: Size, 2-8 x 6-8, 55 pounds; size, 3-0 x 7-0, 60 pounds.

Artistic Door Fronts

No One Feature Adds More to the Beauty and Dignity of Your Home than One of Our Handsome Door Fronts, in One of the Combinations Shown on This Page

The entrance to your home is the first thing seen by a visitor and you and your home are often judged by it. Moreover, such an entrance has a dollar and cents value and should be looked upon as an investment because it will add greatly to the selling possibilities of your home.

The cost is small when you order one of the fronts shown below. A complete front consists of the frame, side lights and door. Each

part is listed separately so that you can make your selection according to your own taste and ideas. You have the assurance that the whole front will be architecturally correct and harmonious and that the cost will be a little more than for an ordinary front door entrance.

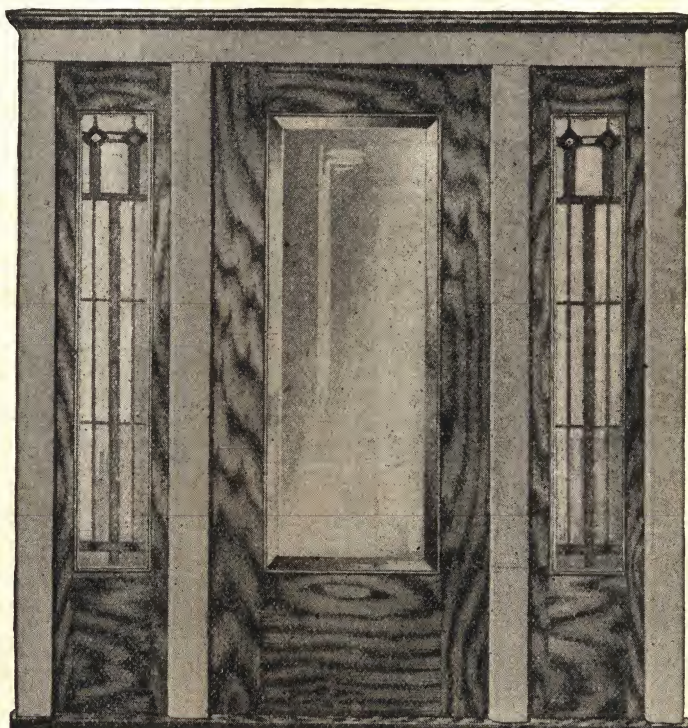
Whether you are building a new home or remodeling an old one, you will find one of these door fronts a sound investment.



Side Light
278X260



Side Light
278X261



Side Light
278X262

Side Light Frame
278X257

Side Light
278X262



Side Light
278X263



Side Light
278X264

SIDE LIGHTS

The side lights shown above are all carried in stock in our Millwork Factory and can be shipped promptly upon receipt of the order. Our volume of business enables us to make them up in large quantities instead of special to order, which is one reason for our low prices.

You can use any side light with any door shown in the catalogue, but to get the best results we recommend that you select similar designs for your doors and side lights. Side Light No. 278X260 is furnished only in veneered oak, glazed with leaded art glass to match Craftsman door No. 278X190. Side Light No. 278X261 is glazed with bevel plate, and plain double strength glass and furnished in veneered oak and white pine to match the Lowell door. The doors that match the side lights No. 278X262, are not shown in the catalogue, but prices will be quoted upon request. Side Light No. 278X259 listed on this page is not illustrated but is similar to No. 278X260, except that it is glazed with four lights of plate glass to match the Craftsman door No. 278X193.

For Prices on Doors, See Pages
4 to 13 inclusive
A Complete Assortment

SIDE LIGHT FRAME

Made of Clear White Pine, cut to actual size and shipped knocked down and bundled, ready to set up. Furnished with either Plain Drip Cap or Crown Mould Cap (see description of our regular door frames). Thickness of Outside Casing 1 1/8 inches. Thickness of Jambs, 1 3/8 inches; width 5 1/2 inches, rabbeted for either 1 3/4 inch or 1 3/8 inch doors. When a door three feet wide is used, the total space required for this frame between studding is 6 feet 3 inches. In ordering this frame be sure to state whether crown mould or drip cap frame is desired, and the thickness of the door to be used. No inside casing or trim is included in the price of frame, as this material should be selected to match the rest of your interior woodwork. Average shipping weight of frame, about 130 pounds.

Prices on Side Light Frames

Door and Side Lights Not Included

Article Number	Frame for Door 3 feet x 7 feet and Side Light 1 foot 2 inches x 7 feet	Frame for Door 2 feet 8 inches x 6 feet 8 inches; Side Light 1 foot 2 inches x 6 feet 8 inches.
278X257	\$6.50	\$6.00

Prices on Side Lights

SIZE Width Feet, Inches	Length Feet, Inches	278X259 Veneered Oak See Note Above	278X260 Glazed Leaded Veneered Oak	278X261				278X262 Glazed Art See Note Above		278X263 Glazed Plate		278X264 Glazed Bevel Plate	
				Veneered Oak	White Pine	Veneered Oak	White Pine	Veneered Oak	White Pine	Veneered Oak	White Pine	Veneered Oak	White Pine
1 - 2	x 6 - 8	\$3.95	\$4.75	\$4.75	\$2.75	\$3.40	\$1.50	\$4.90	\$3.25	\$6.50	\$4.60	\$5.45	\$3.65
1 - 2	x 7 - 0	4.10	4.90	5.00	3.00	3.55	1.60	5.15	3.30	6.60	4.70	6.00	4.30

All Material Listed on This Page Shipped from Factory in Iowa

Side Light No. 278X263 is glazed with plate glass and furnished in veneered oak and white pine to match door No. 278X194. Side Light No. 278X264 is glazed with beveled plate glass and furnished in veneered oak and white pine to match doors No. 278X175, 278X178, 278X222 and 278X227. Should you desire to use a door with an oval glass such as No. 278X204 and 278X181, we recommend using the Side Light No. 278X264.

The side lights are held in place in the frame by means of a stop which should be ordered separately. See page 34.

A beautiful effect may be obtained by using oak door and side lights finished in the natural grain. If you desire to paint the sidelights to match the rest of the woodwork, we recommend using the white pine.

Average shipping weight of side lights, glazed with bevel plate glass, 50 pounds. Glazed double strength glass, 40 pounds.

For Prices on Inside Trim, See
Pages 32 to 36 inclusive

Mirror Doors



LONGVIEW MIRROR DOOR

A very attractive feature and a great convenience in any home. Especially suitable for closets, bedrooms or bathrooms, but may be used in other places as well. Saves space and gives tone to the whole house.

The mirror is the finest plain, polished plate.

The door is our high grade plain veneered Red Oak, 1 1/4 inches thick. Opposite side is the Five Cross Panel design, same as our Five Cross Panel Door No. 278X296. Manufactured of highest grade materials throughout, carefully packed for shipment. We recommend using the mirror without bevel, as the bevel simply cuts down the usable size of the mirror. If wanted with bevel plate, add \$1.50 to prices below and order by Article No. 278X272.

Prices Longview Mirror Door 278X270

Width Feet	Size Length Inches	Size of Mirror Inches	Price	Approximate Shipping Weight
2	6 x 6	8	\$15.95	90 pounds
2	6 x 7	0	16.50	95 pounds

Shipped from factory in Iowa.

Read this Letter:

Montgomery Ward & Co.,

St. Ignace, Mich.

Gentlemen: I got windows and doors from you. I am well satisfied with them. I think they are beautiful. I saved one-third on the windows and doors. I know I could not have done any better elsewhere. I am sending you a photograph of my house so you can see how well they look.

John Porter.

MAKE YOUR OWN MIRROR DOOR

Use the Door You Have and Do the Work Yourself

WE FURNISH COMPLETE OUTFIT

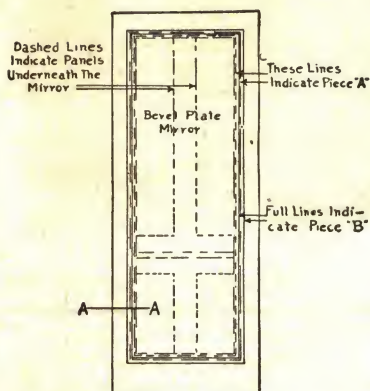


Diagram Showing How to Measure for Glass

The outfit consists of Plate Glass Mirror with 1 1/2 inch bevel; thin strips and frame to fit both the face of the door and the glass; mouldings to frame the mirror and hold it firmly in place; and, a sufficient number of brass-headed screws. Securely wrapped and packed for shipment.

How to Order

Take the measurements of the door just outside of the panel part, shown in cut opposite. Allow at least one-half inch all around for the mirror to rest upon, then select size mirror from table below. In ordering, be sure to specify whether your door is yellow pine, cypress, white pine or oak.

Instructions

Any ordinary door can be made into a handsome mirror door in a very short time, and you can do the work yourself. Take the door off the hinges and lay it flat on the floor or on a bench. Place the thin strip on the face of the door and lay the mirror on top, then screw the mouldings in place. That is all there is to it. Makes a high class mirror door at a very small cost.

Hint to the Handy Man

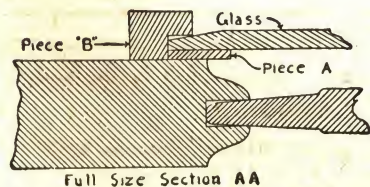
Remember that you do not necessarily have to put the mirror on a door. It may be used on the wall, between two doors or any place where there is sufficient backing to hold the strips.

Prices of Mirror Outfit No. 278X275

Prices do not include Doors

To Fit Doors Feet	Size Inches	Size of Bevel Plate Mirror Inches	Price Per Outfit	Approximate Shipping Weight
2	0 x 6	0	\$ 9.25	23 pounds
2	0 x 6	6	10.30	25 pounds
2	0 x 6	8	10.75	28 pounds
2	6 x 6	8	14.75	35 pounds
2	6 x 6	8	15.10	37 pounds
2	6 x 6	8	16.05	39 pounds
2	6 x 7	0	17.25	40 pounds
2	8 x 7	0	21.25	47 pounds
3	0 x 7	0		

Shipped from factory in Iowa.



Section Showing How Glass is Placed on the Door



Home No. 101
Shown in our Book of
Homes

"B" Quality Front Doors



"B" Quality Fir Door,
Thickness, 1 $\frac{3}{8}$ Inches

SIZES		With Clear Glass 278X281	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches		
2 6 x 6 6		\$2.16	48
2 8 x 6 8		2.28	52

"B" Quality White Pine Door,
Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Glass as Illustrated 278X283	With Clear Glass 278X284
Width Feet Inches	Length Feet Inches		
2 6 x 6 6		\$2.83	\$2.45
2 8 x 6 8		2.94	2.55
2 10 x 6 10		3.41	3.00
2 8 x 7 0		3.36	2.95
3 0 x 7 0		3.52	3.25

"B" Quality White Pine Door,
Thickness, 1 $\frac{3}{8}$ Inches

SIZES		Glass as Illustrated 278X286	Approximate Weight, Pounds
Width Feet Inches	Length Feet Inches		
2 6 x 6 6		\$3.26	40
2 8 x 6 8		3.32	42
2 10 x 6 10		3.78	43
2 8 x 7 0		3.67	45
3 0 x 7 0		4.10	50

SHIPPED FROM FACTORY IN IOWA

Material. Door 278X281 is made of "B" Fir. Fir has a beautiful grain and is being used more and more for interior finish. The "B" quality contains some defects not allowed in the "A" doors on page 12 and 13, but you will find it a much better value than the usual second quality door. Can be finished to match Yellow Pine trim. Doors 278X283, 278X284 and 278X286 are "B" Quality White Pine, good values at our prices. They show some

small defects, but are sound quality and entirely suitable where you intend to paint your doors. For oil finish in the natural wood, we recommend using "A" quality.

Shipping Weights of 278X283 and 278X284 same as 278X286.

Frames for these doors shown on page 30.

Trim. Fir and Yellow Pine Trim shown on pages 32, 33 and 34.

Highest Quality Oak Doors



One-Panel Door, Oak
Thickness, 1 3/4 Inches

SIZES		Prices 278X292	Approximate Weight Pounds
Width Feet Inches	Length Feet Inches		
2 6 x 6 6		5.25	50
2 8 x 6 8		5.30	52
2 8 x 7 0		5.50	55
3 0 x 7 0		5.85	57
3 0 x 7 0		6.50	62

Two-Panel Door, Oak

SIZES		278X294	
Width Feet Inches	Length Feet Inches	Thickness 1 3/4 Inches	Thickness 1 3/4 Inches
2 6 x 6 6		3.95	
2 8 x 6 8		4.05	\$4.60
2 8 x 7 0		4.60	
3 0 x 7 0		4.70	5.25
3 0 x 7 0		4.95	5.45

Five-Cross Panel Door, Oak

SIZES		278X296	
Width Feet Inches	Length Feet Inches	Thickness 1 3/4 Inches	Thickness 1 3/4 Inches
2 0 x 6 6		\$3.45	
2 6 x 6 8		3.50	
2 8 x 7 0		3.55	\$4.10
3 0 x 7 0		4.10	
3 0 x 7 0		4.20	4.70
3 0 x 7 0		4.50	4.95

SHIPPED FROM FACTORY IN IOWA

MATERIAL. No better hardwood doors than these can be made. Specially selected veneer, over a core that is built up of soft pine. Turn to page 5 and read how our veneered doors are made and why they are superior to solid oak doors.

THICKNESS. The One-panel Door furnished only in 1 3/4 inch thickness. Two-panel and Five-Cross Panel in both 1 3/4 and 1 1/2 inch, as listed. Mention thickness wanted.

IMPORTANT. Keep your veneered doors in a dry place until you are ready to hang them. Be sure that the plastering in the house is dry before the doors are hung.

HOW TO FINISH INTERIOR OAK DOORS. For finishing these doors we recommend a Hardwood Paste Filler such as our No. 75X8210, followed by a coat of Liquid Wood Filler and Varnish. Full directions given in our Paint Book.

AVERAGE WEIGHT of 1 3/4 inch doors, 75 pounds; 1 1/2 inch doors, 85 pounds.

Beautify your home. Send for our new Lighting Fixtures Book

Montgomery Ward & Co.

Sliding Doors—China Closet Sash



Single Sliding Door

Much more convenient and easier to handle than folding or double-sliding doors. Furnished in White Pine, with raised panels (as shown in illustration) to match 5-cross-panel white pine doors on opposite page, also furnished in veneered Oak with flat panels to match door No. 278X296 on page 17. Thickness, 1 1/8 inches. Furnished in the white, not filled or varnished.

Weight, oak, about 100 pounds; white pine, 88 pounds.

Size		White Pine	Veneered Oak
Width	Height	278X328	278X329
5 feet x	7 feet	\$7.70	\$10.60

Shipped from factory in Iowa.

Remarkable Value B Quality Fir Door Very Low Prices

Not offered as a first quality door. May contain some defects not found in the A quality doors on page 12, but you will find it a much better value than the usual second quality panel door in either White or Yellow Pine. We recommend it to the man who wants a good, serviceable door at a minimum cost.

Made of Fir, the wood with the beautiful grain. The panels are raised and made of Fir cut slash-grain to bring out the grain of the wood. The side stiles and cross rails are made of Fir cut edge-grain to give strength. Average shipping weight, about 60 pounds.

Can be finished to match Yellow Pine trim. For prices of frames see page 30. For Fir and Yellow Pine trim see pages 32, 34 and 35.

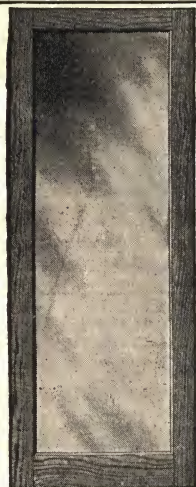


Thickness 1 3/8 Inches

Order by Number—278X344. Give Size.

Size		Height	Price, each	Size		Height	Price, each
Width	Feet	Feet	278X344	Width	Feet	Feet	278X344
Inches	Inches	Inches		Inches	Inches	Inches	
2	0 x	6	\$1.41	2	8 x	6	\$1.65
2	0 x	6	1.62	2	8 x	7	1.88
2	6 x	6	1.61	2	8 x	7	1.93
2	6 x	6	1.64	3	0 x	7	2.08

Shipped from factory in Iowa.



278X315
278X316
Clear, Plain Glass



278X317 278X318
Crystal Sheet Glass Set in
Copper-finished Lead Bars.



278X319
278X320
Leaded Art Glass.

China Closet or Cupboard Doors

Average shipping weight, about 14 pounds. Furnished in the white, not filled or varnished.

PRICES OF ONE-PANEL DOORS,

THICKNESS, 1 1/8 INCHES.

Size		Height	Yellow Pine	Oak
Width	Feet	Feet	278X308	278X309
Inches	Inches	Inches		
1	6 x	2	\$0.55	\$0.85
1	6 x	2	.60	.90
1	6 x	4	.95	1.25

Shipped from factory in Iowa.

Prices of Doors with Glass:

Width, 1 foot 6 inches. Height, 4 feet. Thickness, 1 1/8 inches.

278X315—Yellow Pine, Double Strength Glass....	\$0.90
278X316—Red Oak, Double Strength Glass.....	1.25
278X317—Yellow Pine, Leaded Crystal Sheet.....	1.85
278X318—Oak, Leaded Crystal Sheet.....	2.10
278X319—Yellow Pine, Leaded Art.....	2.30
278X320—Oak, Leaded Art.....	2.60

Shipped from factory in Iowa.



278X308
278X309
1 Panel

White Pine — Panel Doors — Yellow Pine

White Pine Doors—Made from strictly "A" quality Soft White Pine, air-seasoned, free from sap and pitch. Come to you ready for oil or other finish. Made fully in accordance with the specifications adopted by the Manufacturers' Association as the official standard of quality, and must give satisfaction. See our guarantee on the first page.

Yellow Pine Doors—Made from Selected, Southern Yellow Pine, thoroughly kiln-dried. Strictly "A" Quality, workmanship excellent. No better Yellow Pine doors than these made.

Shipping Weight—Average shipping weight of White Pine Panel Doors, about 40 pounds, Yellow Pine, 50 pounds. We ship doors and other millwork to all parts of the country, at a substantial saving to our customers.

Shipping—Our doors are wrapped in paper and carefully packed for shipment and will reach you safely in good condition.

Special Sizes—The sizes listed below are made up in tremendous quantities, which reduces the cost of manufacture to the lowest possible point, and you get the benefit in the low prices that we quote. We recommend that you use regular sizes wherever possible, but if you have to have a size not listed here, take the price of the next largest size of the same style and kind of wood, and add one-third. Be sure to give exact size you want and allow two weeks for shipping. Sizes listed can be shipped immediately. Furnished in the white, not filled or varnished.



Sizes		4-Panel White Pine 278X330			5-Panel White Pine 278X331		5-Cross Panel White Pine 278X332		5-Cross Panel Yellow Pine 278X335	
Width Feet Inches	Height Feet Inches	Thickness 1 1/8 Inches	Thickness 1 3/8 Inches	Thickness 1 3/4 Inches	Thickness 1 3/8 Inches	Thickness 1 3/4 Inches	Thickness 1 3/8 Inches	Thickness 1 3/4 Inches	Thickness 1 3/8 Inches	Thickness 1 3/4 Inches
2 0	x 6 0	\$1.57	\$1.75	....	\$1.84	....	\$1.85	....	\$1.83	....
2 0	x 6 6	....	....	....	2.05	....	2.06	....	2.04	....
2 0	x 6 8	....	....	....	2.10	....	2.11	....	2.08	....
2 6	x 6 6	1.81	1.98	....	2.09	....	2.10	....	2.07	....
2 6	x 6 8	....	2.03	....	2.13	....	2.14	....	2.12	....
2 8	x 6 8	1.85	2.04	\$3.05	2.15	\$3.13	2.16	\$3.15	2.14	\$3.14
2 6	x 7 0	....	....	....	2.45	....	2.46	....	2.44	....
2 8	x 7 0	....	....	....	2.51	....	2.52	....	2.50	....
3 0	x 7 0	....	....	....	2.60	3.95	2.61	3.97	2.59	3.96

Shipped from factory in Iowa.

"A" Quality Storm Doors



ALASKA

Save Money on Fuel and Make Your Home More Comfortable

Easily installed in the Fall and taken down in the Spring. At the low prices quoted on this and the opposite page it is real economy and good judgment to invest in a complete outfit of storm doors and sash.

These storm doors are made of the highest grade White Pine, the same as our high grade front doors shown on the preceding pages. It is common practice to furnish painted storm doors. The defects in a low grade door may be covered up by shellac and paint. Ours come in the white. You can see what you buy. We believe that a door which is constantly exposed to the weather should be of the best quality, and we are, therefore, offering only the one grade, which we know will prove satisfactory in every respect.

"A" quality White Pine storm doors. Thickness, 1 $\frac{1}{8}$ inches. Carried in stock in the sizes listed below. Made about three-quarters of an inch wider and one inch longer than ordinary doors, to allow for fitting in the frame. The Alaska door is glazed with clear glass.



SIBERIA

Prices

Order by Size and Number

Width		Size		Length		Price	Approximate
						278X380	Weight
2 feet	6 $\frac{3}{4}$ inches	by 6 feet	7 inches			\$2.50	32 pounds
2 feet	8 $\frac{3}{4}$ inches	by 6 feet	9 inches			2.66	35 pounds
2 feet	10 $\frac{3}{4}$ inches	by 6 feet	11 inches			3.27	38 pounds
2 feet	8 $\frac{3}{4}$ inches	by 7 feet	1 inch			3.41	38 pounds
3 feet	$\frac{3}{4}$ inch	by 7 feet	1 inch			3.55	40 pounds

Shipped from factory in Iowa

Width		Size		Length		Price	Approximate
						278X385	Weight
2 feet	6 $\frac{3}{4}$ inches	by 6 feet	7 inches			\$1.95	32 pounds
2 feet	8 $\frac{3}{4}$ inches	by 6 feet	9 inches			2.00	32 pounds
2 feet	10 $\frac{3}{4}$ inches	by 6 feet	11 inches			2.50	34 pounds
2 feet	8 $\frac{3}{4}$ inches	by 7 feet	1 inch			2.55	35 pounds
3 feet	$\frac{3}{4}$ inch	by 7 feet	1 inch			2.80	39 pounds

Shipped from factory in Iowa

What Our Customers Say—Read These Letters

Montgomery Ward & Co.

Mikado, Mich.

We have been dealing with Montgomery Ward & Co. many years. In regard to bill of Building Material mentioned, would say:

We cannot purchase glass, sash and doors of the quality you sent us at any price in this vicinity.

The saving to us in price over freight would average 33 per cent. We will want more material along from time to time, as we are building all the time.

Respectfully yours,

Joshua Minthorn and Son

Montgomery Ward & Co.

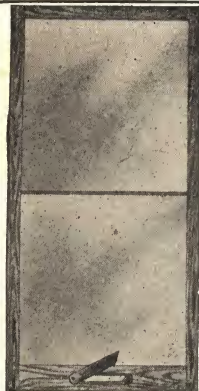
Rudyard, Mich.

The Fall of 1914 I built my house. After finding out the different prices of building material I decided to send to you. Done this for two reasons. Goods received of you before were good, and your price saved me at least 30 per cent on the whole lot.

Am well pleased, and if I ever should build again you'll be sure to hear from me. Will be pleased to show material received to anyone, and then he can see, and one look will tell the story.

Henry Hesselink

"A" Quality Storm Sash



Two-Light Storm Sash

To fit Two-Light Check Rail Windows. Made in one piece, of Clear White Pine. Thickness, 1½ inches. Glazed with high quality glass. Made extra wide and long to allow for fitting. Ventilators, that is, the vent and slide, not included in prices.

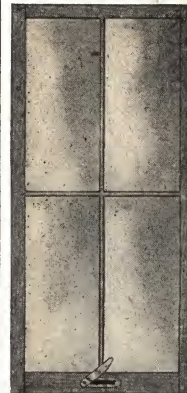
If wanted, order by article number 278X403 for Single Strength or 278X404 for Double Strength. Add per sash, extra 15c

Order by Size and Article Number.

Size of Glass Inches	Outside Measurement of Sash		278X409 Price Glazed Single Strength	278X410 Price Glazed Double Strength
	Width Ft. In.	Length Ft. In.		
12x20	1 4	3 11½	\$0.67	.....
12x24	1 4	4 7½	.79	.....
12x28	1 4	5 3½	.86	.....
12x30	1 4	5 7½	.93	.....
14x20	1 6	3 11½	.73	.....
14x24	1 6	4 7½	.81	.....
14x28	1 6	5 3½	.95	.....
16x20	1 8	3 11½	.82	\$0.92
16x24	1 8	4 7½	.84	.95
16x28	1 8	5 3½	.91	.99
16x30	1 8	5 7½	1.00	1.00
18x20	1 10	3 11½	.86	1.00
18x24	1 10	4 7½	1.03	1.23
18x28	1 10	5 3½	1.15	1.36
18x30	1 10	5 7½	1.21	1.46
20x20	2 0	3 11½	1.24	1.46
20x24	2 0	4 7½	1.07	1.33
20x28	2 0	5 3½	1.10	1.33
20x30	2 0	5 7½	1.16	1.43

Order by Size and Article Number.

Size of Glass Inches	Outside Measurement of Sash		278X409 Price Glazed Single Strength	278X410 Price Glazed Double Strength
	Width Ft. In.	Length Ft. In.		
20x30	2 0	5 7½	\$1.27	\$1.51
20x32	2 0	5 11½	1.33	1.55
22x20	2 2	3 11½	1.06	1.24
22x22	2 2	4 3½	1.09	1.28
22x24	2 2	4 7½	1.10	1.29
22x26	2 2	4 11½	1.14	1.35
22x28	2 2	5 3½	1.37	1.44
22x30	2 2	5 7½	1.43	1.54
22x32	2 2	5 11½	1.47	1.66
24x18	2 4	3 7½	1.03	1.17
24x20	2 4	3 11½	1.08	1.24
24x22	2 4	3 11½	1.12	1.27
24x24	2 4	4 7½	1.17	1.48
24x26	2 4	4 11½	1.24	1.53
24x28	2 4	5 3½	1.32	1.63
24x30	2 4	5 7½	1.44	1.73
24x32	2 4	5 11½	1.60	1.90
26x24	2 6	4 7½	1.63	1.98
26x26	2 6	4 11½	1.76	2.10
26x28	2 6	5 3½	1.88	2.25
26x30	2 6	5 7½	2.00	2.39
26x32	2 6	5 11½	2.14	2.55
28x24	2 8	4 7½	2.08	2.46
28x26	2 8	4 11½	2.18	2.56
28x28	2 8	5 3½	2.30	2.69
28x30	2 8	5 7½	2.46	2.83
28x32	2 8	5 11½	2.63	3.00
30x24	3 0	4 7½	2.92	3.32
30x26	3 0	4 11½	3.00	3.40
30x28	3 0	5 3½	3.18	3.58
30x30	3 0	5 7½	3.32	3.72
30x32	3 0	5 11½	3.52	3.92
32x24	3 2	4 7½	3.63	4.03
32x26	3 2	4 11½	3.72	4.14
32x28	3 2	5 3½	3.88	4.32
32x30	3 2	5 7½	4.08	4.52
32x32	3 2	5 11½	4.32	4.76
34x24	3 4	4 7½	4.44	4.88
34x26	3 4	4 11½	4.60	5.04
34x28	3 4	5 3½	4.88	5.32
34x30	3 4	5 7½	5.12	5.56
34x32	3 4	5 11½	5.40	5.84
36x24	3 6	4 7½	5.60	6.00
36x26	3 6	4 11½	5.76	6.16
36x28	3 6	5 3½	6.00	6.40
36x30	3 6	5 7½	6.24	6.64
36x32	3 6	5 11½	6.48	6.88
38x24	3 8	4 7½	6.72	7.12
38x26	3 8	4 11½	6.96	7.36
38x28	3 8	5 3½	7.20	7.60
38x30	3 8	5 7½	7.44	7.84
38x32	3 8	5 11½	7.68	8.08
40x24	4 0	4 7½	7.92	8.32
40x26	4 0	4 11½	8.16	8.56
40x28	4 0	5 3½	8.40	8.80
40x30	4 0	5 7½	8.64	9.04
40x32	4 0	5 11½	8.88	9.28
42x24	4 2	4 7½	9.12	9.52
42x26	4 2	4 11½	9.36	9.76
42x28	4 2	5 3½	9.60	10.00
42x30	4 2	5 7½	9.84	10.24
42x32	4 2	5 11½	10.08	10.48
44x24	4 4	4 7½	10.32	10.72
44x26	4 4	4 11½	10.56	10.96
44x28	4 4	5 3½	10.80	11.20
44x30	4 4	5 7½	11.04	11.44
44x32	4 4	5 11½	11.28	11.68
46x24	4 6	4 7½	11.52	11.92
46x26	4 6	4 11½	11.76	12.16
46x28	4 6	5 3½	12.00	12.40
46x30	4 6	5 7½	12.24	12.64
46x32	4 6	5 11½	12.48	12.88



Four-Light Storm Sash

To fit Four-Light Check Rail windows. Made in one piece, of Clear White Pine. Thickness, 1½ inches. Glazed with high quality glass. Made extra wide and long to allow for fitting. Ventilators, that is, vent and slide, not included in prices.

If wanted, order by article number 278X412. Add per sash, extra, 15c.

Order by Size and Article Number.

Size of Glass Inches	Outside Measurement of Sash		278X411 Price Glazed Single Strength
	Width feet inches	Length feet inches	
10x16	1 1	3 3½	\$0.86
10x18	1 1	3 7½	.90
10x20	1 1	3 11½	.95
10x22	1 1	4 3½	.99
10x24	1 1	4 7½	1.00
10x26	1 1	4 11½	1.12
10x28	1 1	5 3½	1.15
10x30	1 1	5 7½	1.26
12x16	1 3	3 3½	.93
12x18	1 3	3 7½	.99
12x20	1 3	3 11½	1.02
12x22	1 3	4 3½	1.10
12x24	1 3	4 7½	1.15
12x26	1 3	4 11½	1.28
12x28	1 3	5 3½	1.28
12x30	1 3	5 7½	1.44
14x24	1 5	4 7½	1.35
14x26	1 5	4 11½	1.38
14x28	1 5	5 3½	1.50
14x30	1 5	5 7½	1.60
14x32	1 5	5 11½	1.63



Eight-Light Storm Sash

To fit 8-Light Check Rail Windows. Made in one piece, of Clear White Pine. Thickness, 1½ inches. Glazed with high quality glass. Made extra wide and long to allow for fitting. Ventilators, that is, vent and slide, not included in prices. If wanted, order by Article Number 278X414. Add per sash, extra 15c

Order by Size and Article Number.

Size of Glass Inches	Outside Measurement of Sash		278X413 Price Glazed Single Strength
	Width feet inches	Length feet inches	
9x12	1 11	4 7½	\$1.05
10x12	1 1	4 7½	1.06
10x14	2 1	5 3½	1.15
12x14	2 5	5 3½	1.30
12x16	2 5	5 11½	1.42

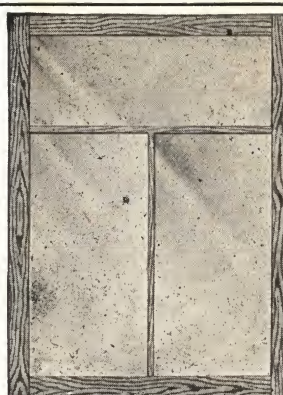


Twelve-Light Storm Sash

To fit 12-Light Check Rail Windows. Made in one piece, of Clear White Pine. Thickness, 1½ inches. Glazed with high quality glass. Made extra wide and long to allow for fitting. Ventilators, that is, vent and slide, not included in prices. If wanted, order by Article Number 278X420. Add per sash, extra 15c

Order by Size and Article Number.

Size of Glass Inches	Outside Measurement of Sash		278X419 Price Glazed Single Strength
	Width feet inches	Length feet inches	
8x10	2 4½	3 11½	\$1.10
9x12	2 7½	4 7½	1.31
9x14	2 7½	5 3½	1.50
10x12	2 10½	4 7½	1.40
10x14	2 10½	5 3½	1.52
10x16	2 10½	5 11½	1.80
12x16	3 4½	5 11½	2.01



Storm Sash for Cottage Windows

3-Light Storm Sash

Prices do not include Ventilators, that is, vent and slide. If wanted, order by Article Number 278X424. Add, per sash, extra 15c

Order by Size and Article Number

Size of Glass	Outside Measurement of Sash		278X423 Price Glazed Double Strength
	Top Glass Inches	Bottom Glass Inches	
40x14	19½x40	3 8 x 5 1½	\$3.14
40x16	19½x40	3 8 x 5 3½	3.25
40x18	19½x40	3 8 x 5 7½	3.46
44x16	21½x40	4 0 x 5 3½	3.70
44x18	21½x44	4 0 x 5 7½	3.99
44x20	21½x46	4 0 x 5 11½	4.21
44x22	21½x50	4 0 x 6 3½	4.97

ALL STORM SASH SHIPPED FROM FACTORY IN IOWA

Lighting Fixtures Help Make Homes Cheerful

You're missing one of the greatest pleasures of home if you don't have a good lighting system. Proper light adds a good deal to those unpleasant, long winter evening hours. It gives a cheerful aspect to things in general; it makes the home bright and attractive; and makes home a good place to be.

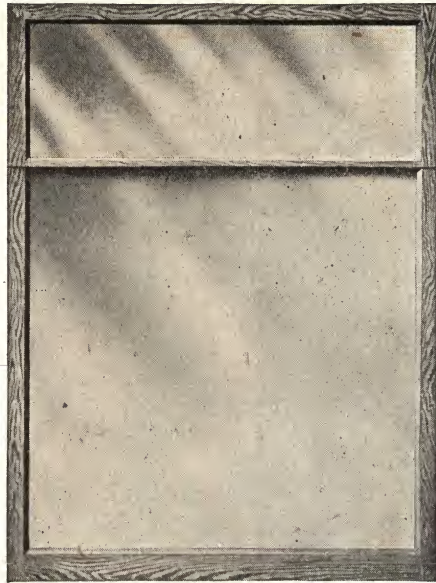
We have established a big department devoted exclusively to fine lighting fixtures. Our Lighting Fixtures Book, showing, in

actual colors, many of the latest fixtures, will be sent to you on request. We can generally save for you from 25 to 45 per cent on practically all your fixture purchases. You can easily install your own lighting plant, even without having had previous experience, for we show you how simple it is to do it yourself. Let us send you a copy of this book.

Building a porch? Don't forget a Cottage or Colonial window

Montgomery Ward & Co.

Art Cottage Windows



Hudson—278X475
Top, Glazed Clear Double Strength.
Bottom, Glazed Clear Double Strength.



Wabash—278X479
Top, Glazed Lace Design.
Bottom, Glazed Clear Double Strength.

Most Artistic Designs in Cottage Windows

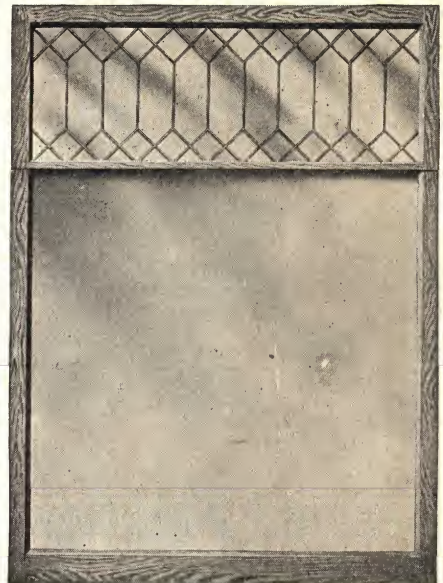
The windows on this page are the more simple patterns that harmonize with any exterior or interior. The Hudson window is glazed with Clear Double Strength glass. Top sash of the Columbia is glazed with Clear Double Strength glass divided by lead bars; the Wabash has a tasteful Lace design, and the Potomac has Bevel Plate glass set in copper finished bars. Bottom Sash are all glazed with Clear Double Strength glass.

Windows made of Genuine A Quality White Pine, the best wood known for making windows. Thickness, 1 $\frac{1}{2}$ inches. Best of workmanship. Each window made in two sash, with check rail, so that the sash may be raised and lowered if hung with weights and pulleys. Carried in stock in the sizes shown below. We can, of course, furnish sizes not listed by making them special to order, but as this means an extra cost to you and a longer time in shipping, we strongly recommend that you use our regular sizes if possible.

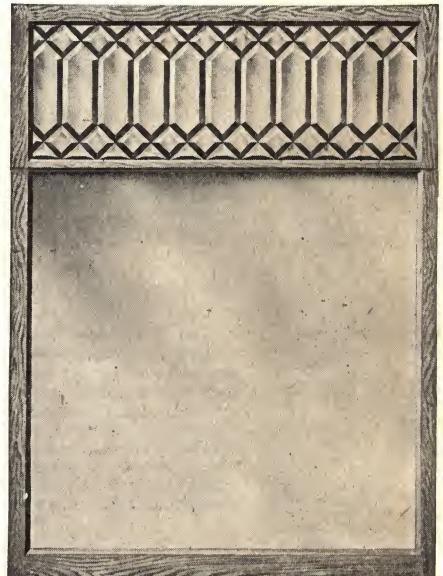
Frames for these windows shown on pages 28 and 29. If exact sizes are not listed give the size frame required (see column below) and allow the price of the next largest frame listed.

Trim for these windows listed on pages 33, 34, 35 and 36.

Storm Sash for Cottage Windows listed on page 21.



Columbia—278X476
Top, Glazed Clear Leaded.
Bottom, Glazed Clear Double Strength.



Potomac—278X480
Top, Glazed Leaded Bevel Plate.
Bottom, Glazed Clear Double Strength.

Prices.

Order by Size and Number

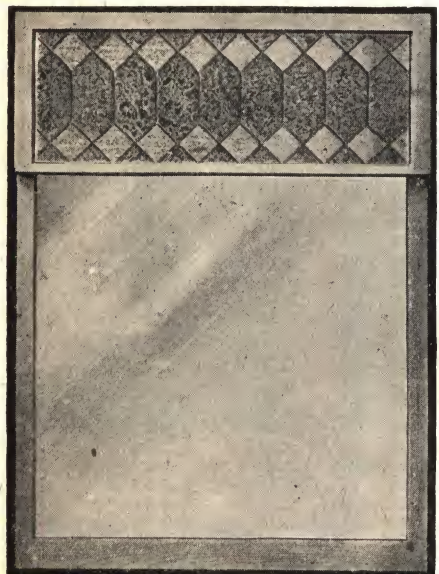
Size, Inches		Size Frame Required		Price, Hudson, 278X475	Price, Columbia, 278X476	Price, Wabash, 278X479	Price, Potomac, 278X480	Approximate Shipping Weights, Pounds
Top Sash	Bottom Sash	Width	Length					
40x14	40x40	3 feet 8 inches	5 feet 0 inches	\$3.27	\$3.97	\$3.85	\$7.88	38
40x16	40x40	3 feet 8 inches	5 feet 2 inches	3.37	4.17	4.13	8.35	44
40x16	40x44	3 feet 8 inches	5 feet 6 inches	3.85	4.58	4.62	8.77	48
44x16	44x40	4 feet 0 inches	5 feet 2 inches	3.92	4.80	4.79	9.40	50
44x16	44x44	4 feet 0 inches	5 feet 6 inches	4.26	5.25	5.12	9.77	52
44x18	44x46	4 feet 0 inches	5 feet 10 inches	4.40	5.51	5.28	10.50	54
44x18	44x50	4 feet 0 inches	6 feet 2 inches	5.25	6.83	6.16	11.45	58

Shipped from factory in Iowa

Art Cottage Windows



Congo—278X481
Top, Leaded Art Glass.
Bottom, Clear Double Strength Glass.



Amazon—278X484
Top, Leaded Art Glass.
Bottom, Clear Double Strength Glass.

Most Artistic Designs in Cottage Windows

Top Sash of Congo Window is a pleasing design, made up of Polished Plate and Wine colored glass in a background of Amber, bordered with Blue Cathedral. The Nile is a handsome leaf design in colored Cathedral glass. The Amazon design is composed of Clear Crystal Chipped and Wavy glass, set in lead bars. The Yukon design is made up of rich Greens, Yellows and Reds, set in copper finished bars. Bottom sash are furnished with Clear Double Strength glass.

Windows made of Genuine A Quality White Pine, the best wood known for making windows. Thickness, 1 3/4 inches. Best of workmanship. Each window made in two sash, with check rail, so that the sash may be raised and lowered if hung with weights and pulleys. Carried in stock in the sizes shown below. We can, of course, furnish sizes not listed by making them special to order, but as this means an extra cost to you and a longer time in shipping, we strongly recommend that you use our regular sizes if possible.

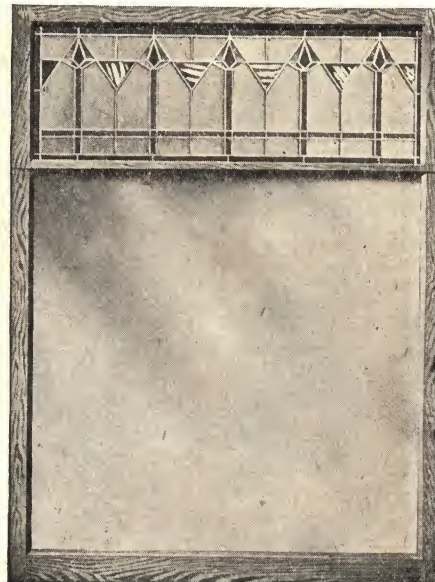
Frames for these windows shown on pages 28 and 29. If exact sizes are not listed give the size frame required (see column below) and allow the price of the next largest frame listed.

Trim for these windows listed on pages 33, 34, 35 and 36.

Storm Sash for Cottage Windows listed on page 21.



Nile—278X482
Top, Leaded Art Glass.
Bottom, Clear Double Strength Glass.



Yukon—278X485
Top, Leaded Art Glass.
Bottom, Clear Double Strength Glass.

PRICES.

Order by Size and Number.
Always give Width first.

Size, Inches		Size Frame Required		Price, Congo, 278X481	Price, Nile, 278X482	Price, Amazon, 278X484	Price, Yukon, 278X485	Approximate Shipping Weights, Pounds
Top Sash	Bottom Sash	Width	Length					
40x14	40x40	3 feet 8 inches	5 feet 0 inches	\$4.84	\$5.50	\$4.57	\$5.40	40
40x16	40x40	3 feet 8 inches	5 feet 2 inches	5.20	6.30	4.79	6.38	46
40x16	40x44	3 feet 8 inches	5 feet 6 inches	5.57	6.70	5.28	6.81	50
44x16	44x40	4 feet 0 inches	5 feet 2 inches	6.04	7.20	5.50	7.29	52
44x16	44x44	4 feet 0 inches	5 feet 6 inches	6.41	7.50	5.89	7.62	54
44x18	44x46	4 feet 0 inches	5 feet 10 inches	6.78	7.90	6.22	8.16	56
44x18	44x50	4 feet 0 inches	5 feet 6 inches	7.62	8.85	7.10	8.91	60

Shipped from Factory in Iowa

Plan now for a fireplace. You will want it some day

Montgomery Ward & Co. K

Colonial or Queen Anne Windows

The Colonial or Queen Anne Windows shown here comprise four of our best and most popular designs.

Made of Clear, Soft, White Pine. Thickness, 1½ inches. Sash are made with check rail, and plowed and bored so they can be hung with weights.

Top sash have lights of Clear plain glass, set in wood bars. Bottom sash have one light of single or double strength glass.

We usually require from four to eight days for shipping Colonial Windows. Frames for these Windows shown on pages 28 and 29.

Trim for these windows shown on pages 33, 34, 35 and 36.

Weight of these windows same as regular two light windows on page 26.

Remember that the number of divisions in each top sash depends on the size of window ordered. A large size Colonial window will necessarily contain more lights than a small size.

Be sure to give article numbers of windows desired.



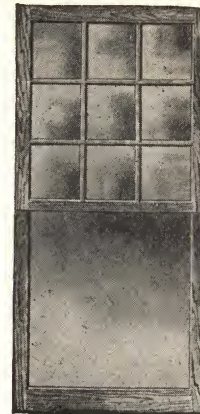
278X490
278X491

Pilgrim



278X492
278X493

Mayflower



278X494
278X495

Plymouth



278X496
278X497

Standish

Size of Glass Inches	Size Frame Width Feet Inches	Size Frame Length Feet Inches	Single Strength 278X490	Double Strength 278X491	Single Strength 278X492	Double Strength 278X493	Single Strength 278X494	Double Strength 278X495	Single Strength 278X496	Double Strength 278X497
20 x 20	2 0 x 3 10		\$1.40	\$1.52	\$2.46	\$2.66	\$1.47	\$1.59	\$2.22	\$2.42
20 x 22	2 0 x 4 2		1.52	1.70	2.52	2.73	1.59	1.76	2.27	2.49
20 x 24	2 0 x 4 6		1.54	1.72	2.59	2.81	1.60	1.76	2.33	2.57
20 x 26	2 0 x 4 10		1.56	1.79	2.60	2.87	1.63	1.86	2.38	2.63
20 x 28	2 0 x 5 2		1.63	1.88	2.67	2.92	1.70	1.95	2.42	2.70
20 x 30	2 0 x 5 6		1.74	1.96	2.75	3.05	1.80	2.03	2.51	2.85
20 x 32	2 0 x 5 10		1.84	2.10	2.83	3.13	1.91	2.16	2.60	2.90
22 x 20	2 2 x 3 10		1.52	1.68	2.55	2.80	1.59	1.75	2.30	2.54
22 x 22	2 2 x 4 2		1.55	1.70	2.60	2.83	1.62	1.80	2.35	2.58
22 x 24	2 2 x 4 6		1.56	1.75	2.63	2.86	1.63	1.82	2.39	2.62
22 x 26	2 2 x 4 10		1.60	1.80	2.69	2.93	1.67	1.87	2.45	2.69
22 x 28	2 2 x 5 2		1.74	1.87	2.76	2.99	1.80	1.96	2.51	2.77
22 x 30	2 2 x 5 6		1.84	2.07	2.85	3.20	1.91	2.14	2.63	2.94
22 x 32	2 2 x 5 10		1.92	2.20	2.94	3.29	1.99	2.27	2.75	3.05
24 x 18	2 4 x 3 6		1.50	1.63	3.03	3.30	1.56	1.70	2.30	2.50
24 x 20	2 4 x 3 10		1.55	1.71	3.09	3.32	1.62	1.78	2.35	2.58
24 x 22	2 4 x 4 2		1.59	1.91	3.15	3.41	1.66	1.98	2.41	2.67
24 x 24	2 4 x 4 6		1.70	1.91	3.21	3.50	1.76	1.98	2.47	2.77
24 x 26	2 4 x 4 10		1.71	1.92	3.22	3.55	1.78	1.99	2.49	2.80
24 x 28	2 4 x 5 2		1.82	2.07	3.33	3.66	1.88	2.14	2.58	2.91
24 x 30	2 4 x 5 6		1.90	2.18	3.40	3.79	1.96	2.24	2.65	3.02
24 x 32	2 4 x 5 10		2.06	2.35	3.55	3.94	2.12	2.42	2.80	3.20
24 x 34	2 4 x 6 2		2.14	2.43	3.66	4.05	2.20	2.50	2.90	3.31
24 x 36	2 4 x 6 6		2.22	2.55	3.75	4.15	2.28	2.62	3.01	3.43
26 x 24	2 6 x 4 6		1.72	1.96	3.25	3.57	1.79	2.03	2.53	2.84
26 x 26	2 6 x 4 10		1.84	2.06	3.36	3.68	1.87	2.12	2.64	2.95
26 x 28	2 6 x 5 2		1.92	2.20	3.46	3.80	2.02	2.27	2.72	3.07
26 x 30	2 6 x 5 6		2.06	2.34	3.56	3.92	2.12	2.40	2.82	3.21
26 x 32	2 6 x 5 10		2.07	2.40	3.57	3.99	2.14	2.47	2.80	3.25
28 x 24	2 8 x 4 6		1.88	2.15	3.39	3.86	1.95	2.22	2.65	3.09
28 x 26	2 8 x 4 10		2.12	2.28	3.50	3.94	2.19	2.35	2.77	3.19
28 x 28	2 8 x 5 2		2.12	2.40	3.60	4.02	2.19	2.47	2.87	3.30
28 x 30	2 8 x 5 6		2.16	2.46	3.63	4.07	2.23	2.52	2.91	3.32
28 x 32	2 8 x 5 10		2.34	2.67	3.84	4.26	2.40	2.74	3.10	3.53
28 x 34	2 8 x 6 2		2.42	2.72	3.98	4.38	2.48	2.79	3.20	3.64
28 x 36	2 8 x 6 6		2.52	2.91	4.09	4.50	2.59	3.08	3.31	3.75
30 x 24	2 10 x 4 6		1.92	2.22	3.44	3.80	1.99	2.28	2.70	3.05
30 x 26	2 10 x 4 10		2.10	2.38	3.57	3.98	2.16	2.46	2.83	3.24
30 x 28	2 10 x 5 2		2.14	2.44	3.60	4.24	2.20	2.51	2.88	3.04
30 x 30	2 10 x 5 6		2.32	2.66	3.78	4.32	2.39	2.72	3.04	3.48
30 x 32	2 10 x 5 10		2.38	2.68	3.80	4.26	2.44	2.78	3.07	3.50
30 x 34	2 10 x 6 2		2.58	2.70	3.82	4.28	2.64	3.03	3.09	3.52
30 x 36	2 10 x 6 6		2.59	2.72	3.84	4.30	2.66	3.04	3.11	3.54
32 x 24	3 0 x 4 6		2.15	2.44	3.20	3.58	2.22	2.51	2.60	2.98
32 x 28	3 0 x 5 2		2.43	2.76	3.55	4.04	2.50	2.83	2.90	3.40
32 x 30	3 0 x 5 6		2.44	2.78	3.80	4.25	2.51	2.84	3.20	3.60
32 x 32	3 0 x 5 10		....	3.00	....	4.93	....	3.07	....	3.68
36 x 28	3 4 x 5 2		....	3.03	....	5.02	....	3.10	....	3.78
36 x 30	3 4 x 5 6		....	3.04	....	5.04	....	3.11	....	3.80
36 x 32	3 4 x 5 10		....	3.47	....	5.36	....	3.54	....	4.10
40 x 28	3 8 x 5 2		....	3.42	....	5.10	....	3.48	....	3.86
40 x 30	3 8 x 5 6		....	3.43	....	5.40	....	3.50	....	4.15
40 x 32	3 8 x 5 10		....	3.66	....	5.70	....	3.72	....	4.40
40 x 34	3 8 x 6 2		....	4.22	....	5.72	....	4.28	....	4.45
44 x 28	4 0 x 5 2		....	3.68	....	5.90	....	3.75	....	4.68
44 x 30	4 0 x 5 6		....	4.14	....	5.95	....	4.20	....	4.70
44 x 32	4 0 x 5 10		....	4.15	....	6.46	....	4.22	....	5.20
44 x 34	4 0 x 6 2		....	4.23	....	6.50	....	4.30	....	5.26

ALL WINDOWS ON THIS PAGE SHIPPED FROM FACTORY IN IOWA

SASH—French, Gable, Ornamental

French Doors and Windows

Always pleasing. Glazed with Clear Glass or Plate. Doors furnished in Clear White Pine or Veneered Oak. Windows in Clear White Pine. Thickness, 1 3/4 inches. Center rails rabbeted to fit together (see section below). Doors swing inward. Windows can be arranged to swing either inward or outward. Shipping weight, size 5-0x7-0, in Oak, Glazed Plate, 150 pounds, in White Pine, glazed double strength, 100 pounds.

French Doors Per Pair, Thickness 1 3/4 Inch

		White Pine		Veneered Oak	
Size of Opening		Glazed Plate	Glazed Double Strength	Glazed Plate	Double Strength
Ft. In.	Ft. In.	278X498	278X500	278X502	278X504
4 0	x 7 0	\$11.75	\$6.80	\$16.95	\$11.95
5 0	x 7 0	14.95	8.15	20.50	13.50

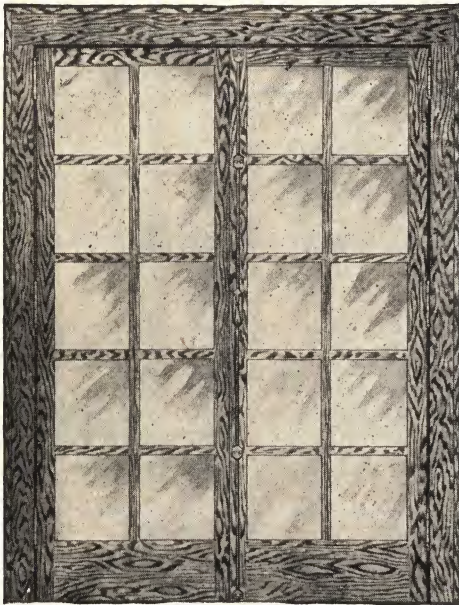
French Door Frames

Size of Opening		For Frame Building	For Brick or Concrete Building
Ft. In.	Ft. In.	278X513	278X514
4 0	x 7 0	\$3.00	\$2.50
5 0	x 7 0	3.40	2.65

French Windows, Thickness 1 3/8 Inch Frames and Windows Furnished in White Pine Only

Size of Opening		Windows Glazed Plate	Windows Glazed Double Strength	Frames for Frame Buildings	Frames for Brick or Concrete
Ft. In.	Ft. In.	278X523	278X524	278X533	278X534
2 10	x 5 2	\$5.75	\$3.25	\$1.90	\$1.75
2 10	x 5 6	6.30	3.40	1.95	1.85

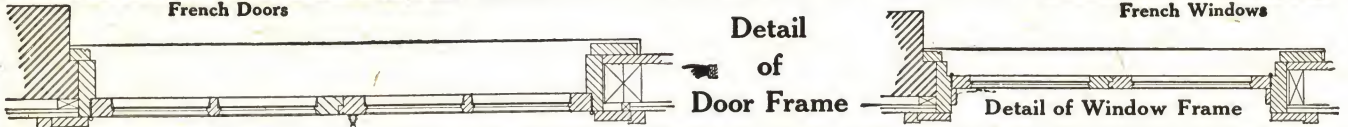
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French Doors



French Windows

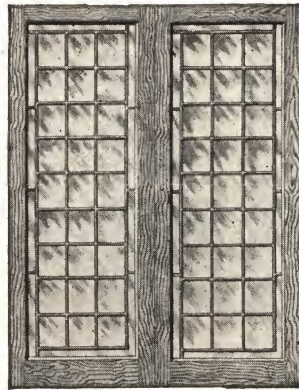
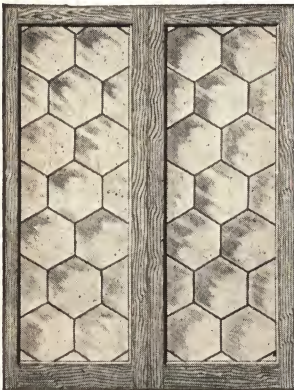


Detail of Door Frame

Detail of Window Frame

Casement Sash Set in Copper Finished Metal Bars

Made of Clear White Pine. Thickness, 1 1/4 inches. Opening size, per pair, 2 feet 8 inches wide by 2 feet 6 inches high.



278X584—Glazed as illustrated.
Price, per pair.....\$3.85

278X586—Glazed as illustrated.
Price, per pair.....\$3.90

278X588—Glazed as illustrated.
Price, per pair.....\$4.10

Frames for above sash:

278X513—For frame buildings with 1 1/4-inch casing and plain cap. Price.....\$1.25

278X514—For brick buildings. Price.....1.15

For details, see French window frames above. Weight, per pair, about 16 pounds.

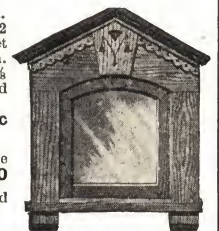
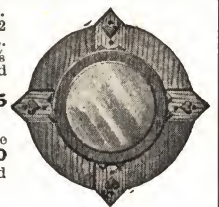
Gable Sash and Frames

278X590—Sash. Opening size, 2 feet by 2 feet. Thickness, 1 1/4 inches. Glazed clear glass. Price\$1.25

278X591—Frame, for frame building ..\$2.50
Weight of sash and frame, about 35 pounds.

278X592—Sash. Opening size, 2 feet wide by 2 feet 5 inches high. Thickness, 1 1/4 inches. Glazed clear glass. Price85c

278X593—Frame, for frame building ..\$2.00
Weight of sash and frame, about 40 pounds.

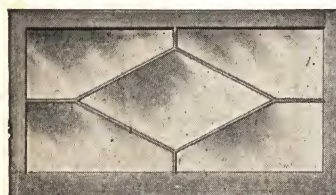
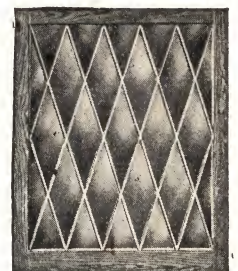


Gable Sash

Thickness, 1 1/4 Inches

Wood Bars

278X594 Sash



278X596—Sash. Thickness, 1 1/4 inches. Wood bars.

Size of Glass, In.	Opening Size Ft. In.	Price Glazed
36x18	3 4 x 4 11	\$1.75

Weight, about 12 pounds.



278X597—Sash. Thickness, 1 1/4 inches. Leaded art.

Size of Glass, In.	Opening Size Ft. In.	Price Glazed
36x18	3 4 x 4 11	\$3.25

Weight, about 14 pounds.



278X598—Sash. Thickness, 1 1/4 inches. Clear glass.

Size of Glass	Opening Size Ft. In.	Price Glazed
36x18	3 4 x 4 11	\$1.05

Weight, about 12 pounds.

For Sash Frames, See Page 29

Size of Glass, In.	Opening Size Ft. In.	Price Glazed
16x20	1 8 x 2 1	\$1.75
24x28	2 4 x 2 9	2.40

See inside back cover for a list of our Special Catalogues

Montgomery Ward & Co.

Two-Light Windows, Frames, Storm Sash

Two Light Check Rail Windows

Clear White Pine. Thickness, 1 3/8 inches.
Plowed and bored for sash weights.

Made of Clear White Pine, thoroughly seasoned and kiln dried. Primed with Linseed Oil compound, making them suitable for oil finish or paint. Good quality glass, held firmly in place with metal points and putty. Prices include two sash and glass. Sizes listed below carried in stock and we can make immediate shipment. Carefully bundled for shipment. See our guarantee on first page.

How to Order From Table Below

How to Order Windows—If you know the glass size of the windows you need, simply find that size in the first column, and order by glass size. If you know the size of the frame in which window is to set, refer to column headed "Size of Frame Required," and when you find the necessary size, you will find prices of the window in the two columns to the left, and the glass size in the column headed "Size of Glass."

Special Sizes—We recommend using the sizes shown here wherever possible, but we can furnish sizes not listed by making them special. For special or unlisted sizes providing the wood part is standard width, take the price of the next largest listed size, and add 20 per cent. For special size storm sash, add 25 per cent. Allow 15 to 20 days for making shipment of special sizes. Stock sizes can be shipped immediately.

Order by
Size and Number

Two-Light Storm Sash

Made of Clear White Pine. Thickness, 1 1/2 inches. Made all in one piece. Prices include glass. Our Storm Sash made full width and slightly longer than windows of the same glass size to allow for fitting in the frame. Illustration shows vent and slide, commonly called ventilators, which are not included in prices below. If wanted, add 15c per sash to these prices.

How to Order Storm Sash—If you know either the glass size or the frame size of the window, find that size in the proper column and follow across to "Prices of 2-Light Storm Sash." Storm Sash are made slightly longer than the frame size to allow for trimming. See opposite column for price on special sizes. Write for price on larger than listed sizes.

How to Order Frames

The frames listed are described on page 28. (Other frames on pages 28 and 29.) Made of Clear White Pine, with 1 1/2 inch outside casing, plain drip cap, and pulleys for weights. Shipped knocked down and bundled. Average weight of frames, 40 pounds.

If you know the glass size of your window, find the glass size in the first column and follow the line across to column headed "Prices of frames." If you know the size of your windows and want to order sash weights, find the weight of the windows in the column of weights. This contains the weights of the entire window, and as each window requires 4 weights, you can divide the weight given by 4, which will give you the proper size weights to order. Sash weights listed on page 59.

Always Give
Width First

Size of Glass In 2-Light Windows Inches	Prices of Windows Single Strength 278X633	Prices of Windows Double Strength 278X634	Outside measurement Size of Frame Required Width Height Ft. In. Ft. In.	Prices of Frames 278X673	Weights of Windows		Outside Measure- ments of Storm Sash Width Height Ft. In. Ft. In.	Prices of 2-Light Storm Sash	
					Single Strength	Double Strength		Single Strength 278X409	Double Strength 278X410
12x20	\$0.62	.....	1-4 x 3-10	\$1.58	11	.....	1-4 x 3 11 1/2	\$0.67	.....
12x24	.71	.....	1-4 x 4-6	.60	12	.....	1-4 x 4 7 1/2	.79	.....
12x28	.78	.....	1-4 x 5-2	.61	13	.....	1-4 x 5 3 1/2	.86	.....
12x30	.85	.....	1-4 x 5-6	.60	14	.....	1-4 x 5 7 1/2	.93	.....
14x20	.66	.....	1-6 x 3-10	.59	12	.....	1-6 x 3 11 1/2	.73	.....
14x24	.76	.....	1-6 x 4-6	.60	13	.....	1-6 x 4 7 1/2	.81	.....
14x28	.96	.....	1-6 x 5-2	.62	16	.....	1-6 x 5 3 1/2	.95	.....
16x20	.68	\$0.87	1-8 x 3-10	.60	12	14	1-8 x 3 11 1/2	.74	\$0.92
16x22	.76	1.00	1-8 x 4-2	.61	13	15	1-8 x 4 3 1/2	.82	.94
16x24	.77	1.01	1-8 x 4-6	.62	14	16	1-8 x 4 7 1/2	.84	.95
16x26	.94	1.13	1-8 x 4-10	.63	15	17	1-8 x 4 11 1/2	.91	1.19
16x28	1.09	1.30	1-8 x 5-2	.71	16	18	1-8 x 5 3 1/2	1.00	1.30
16x30	1.09	1.30	1-8 x 5-6	.71	17	19	1-8 x 5 7 1/2	1.00	1.38
18x20	.79	.98	1-10 x 3-10	.60	13	15	1-10 x 3 11 1/2	.83	.94
18x24	.98	1.18	1-10 x 4-6	.62	16	18	1-10 x 4 7 1/2	1.03	1.23
18x26	1.04	1.21	1-10 x 4-10	.63	17	19	1-10 x 4 11 1/2	1.10	1.28
18x28	1.10	1.28	1-10 x 5-2	.64	18	20	1-10 x 5 3 1/2	1.15	1.36
18x30	1.15	1.41	1-10 x 5-6	.66	19	21	1-10 x 5 7 1/2	1.21	1.49
20x20	.90	1.01	2-0 x 3-10	.60	15	17	2-0 x 3 11 1/2	.94	1.08
20x22	1.01	1.17	2-0 x 4-2	.61	16	18	2-0 x 4 3 1/2	1.05	1.24
20x24	1.02	1.17	2-0 x 4-6	.62	17	19	2-0 x 4 7 1/2	1.07	1.25
20x26	1.06	1.26	2-0 x 4-10	.62	19	21	2-0 x 4 11 1/2	1.10	1.30
20x28	1.11	1.35	2-0 x 5-2	.64	21	23	2-0 x 5 3 1/2	1.16	1.43
20x30	1.21	1.41	2-0 x 5-6	.72	22	24	2-0 x 5 7 1/2	1.27	1.51
20x32	1.32	1.56	2-0 x 5-10	.83	23	25	2-0 x 5 11 1/2	1.38	1.65
22x20	1.03	1.15	2-2 x 3-10	.60	16	18	2-2 x 3 11 1/2	1.06	1.24
22x22	1.04	1.21	2-2 x 4-2	.61	17	19	2-2 x 4 3 1/2	1.09	1.28
22x24	1.05	1.22	2-2 x 4-6	.62	19	21	2-2 x 4 7 1/2	1.10	1.29
22x26	1.10	1.27	2-2 x 4-10	.64	20	22	2-2 x 4 11 1/2	1.14	1.35
22x28	1.21	1.36	2-2 x 5-2	.69	21	23	2-2 x 5 3 1/2	1.27	1.44
22x30	1.33	1.55	2-2 x 5-6	.75	22	24	2-2 x 5 7 1/2	1.38	1.64
22x32	1.39	1.67	2-2 x 5-10	.77	24	26	2-2 x 5 11 1/2	1.47	1.76
24x18	.83	1.10	2-4 x 3-6	.59	16	18	2-4 x 3 11 1/2	1.03	1.17
24x20	.83	1.10	2-4 x 3-10	.60	17	19	2-4 x 4 3 1/2	1.08	1.24
24x22	1.08	1.38	2-4 x 4-2	.61	19	21	2-4 x 4 7 1/2	1.13	1.47
24x24	1.17	1.39	2-4 x 4-6	.62	20	22	2-4 x 4 11 1/2	1.23	1.48
24x26	1.29	1.40	2-4 x 4-10	.64	21	23	2-4 x 4 11 1/2	1.24	1.49
24x28	1.31	1.52	2-4 x 5-2	.72	23	25	2-4 x 5 3 1/2	1.36	1.62
24x30	1.37	1.63	2-4 x 5-6	.77	25	27	2-4 x 5 7 1/2	1.44	1.73
24x32	1.52	1.80	2-4 x 5-10	.87	26	28	2-4 x 5 11 1/2	1.60	1.90
24x34	1.60	1.88	2-4 x 6-2	1.95	27	30	2-4 x 6 3 1/2	1.68	1.98
24x36	1.68	2.00	2-4 x 6-6	2.06	28	32	2-4 x 6 7 1/2	1.76	2.10
26x24	1.20	1.41	2-6 x 4-6	1.62	21	23	2-6 x 4 7 1/2	1.25	1.50
26x26	1.29	1.51	2-6 x 4-10	1.66	23	25	2-6 x 4 11 1/2	1.35	1.63
26x28	1.41	1.66	2-6 x 5-2	1.72	24	27	2-6 x 5 3 1/2	1.49	1.76
26x30	1.52	1.79	2-6 x 5-6	1.80	26	29	2-6 x 5 7 1/2	1.60	1.89
26x32	1.53	1.85	2-6 x 5-10	1.82	27	30	2-6 x 5 11 1/2	1.61	1.95
28x24	1.36	1.60	2-8 x 4-6	1.79	23	25	2-8 x 4 7 1/2	1.43	1.69
28x26	1.49	1.75	2-8 x 4-10	1.80	24	27	2-8 x 4 11 1/2	1.56	1.85
28x28	1.59	1.86	2-8 x 5-2	1.81	25	28	2-8 x 5 3 1/2	1.67	1.98
28x30	1.63	1.90	2-8 x 5-6	1.82	27	30	2-8 x 5 7 1/2	1.70	2.02
28x32	1.80	2.15	2-8 x 5-10	1.89	29	31	2-8 x 5 11 1/2	1.88	2.22
28x34	1.86	2.23	2-8 x 6-2	1.91	31	33	2-8 x 6 3 1/2	1.96	2.30
28x36	1.90	2.36	2-8 x 6-6	1.93	32	35	2-8 x 6 7 1/2	2.03	2.47
30x24	1.40	1.68	2-10 x 4-6	1.80	25	27	2-10 x 4 7 1/2	1.43	1.76
30x26	1.50	1.85	2-10 x 4-10	1.81	26	29	2-10 x 4 11 1/2	1.63	1.93
30x28	1.60	1.85	2-10 x 5-2	1.82	27	30	2-10 x 5 3 1/2	1.63	1.93
30x30	1.79	2.08	2-10 x 5-6	1.86	29	32	2-10 x 5 7 1/2	1.88	2.22
30x32	1.83	2.15	2-10 x 5-10	1.90	31	34	2-10 x 5 11 1/2	1.92	2.27
30x34	2.02	2.40	2-10 x 6-2	1.95	33	36	2-10 x 6 3 1/2	2.12	2.52
30x36	2.03	2.36	2-10 x 6-6	2.06	35	38	2-10 x 6 7 1/2	2.14	2.54
32x24	1.61	1.90	3-0 x 4-6	1.87	26	28	3-0 x 4 7 1/2	1.69	1.99
32x28	1.88	2.21	3-0 x 5-2	1.88	29	31	3-0 x 5 3 1/2	1.98	2.31
32x30	1.90	2.22	3-0 x 5-6	1.89	31	34	3-0 x 5 7 1/2	1.99	2.32
32x32	.....	2.45	3-0 x 5-10	1.91	33	35	3-0 x 5 11 1/2	.....	2.56
36x28	.....	2.46	3-4 x 5-2	1.99	36	38	3-4 x 5 3 1/2	.....	2.58
36x30	.....	2.47	3-4 x 5-6	1.99	38	40	3-4 x 5 7 1/2	.....	2.60
36x32	.....	2.87	3-4 x 5-10	2.04	39	41	3-4 x 5 11 1/2	.....	2.94
40x28	.....	2.82	3-8 x 5-2	2.00	37	38	3-8 x 5 3 1/2	.....	2.98
40x30	.....	2.84	3-8 x 5-6	2.03	40	40	3-8 x 5 7 1/2	.....	3.00
40x32	.....	3.05	3-8 x 5-10	2.12	42	42	3-8 x 5 11 1/2	.....	3.12
40x34	.....	3.56	3-8 x 6-2	2.18	44	44	3-8 x 6 3 1/2	.....	3.78
44x28	.....	3.10	4-0 x 5-2	2.10	41	41	4-0 x 5 3 1/2	.....	3.25
44x30	.....	3.52	4-0 x 5-6	2.11	43	43	4-0 x 5 7 1/2	.....	3.72
44x32	.....	3.53	4-0 x 5-10	2.13	46	46	4-0 x 5 11 1/2	.....	3.72
44x34	.....	3.61	4-0 x 6-2	2.22	47	47	4-0 x 6 3 1/2	.....	3.80

Windows, Frames and Storm Sash Shipped from Factory in Iowa

Windows—Transoms—Sash



8-Light Windows
Check Rail
Thickness, 1 3/8 inches

How to Order 4-Light, 8-Light and 12-Light Windows

If you know the size of the glass, refer to column headed, "Size of Glass." If you know the size of the frame, refer to column headed, "Size of Frame Required." Frames for these windows are listed on pages 28 and 29. Trim listed on pages 33, 34, 35 and 36.

278X642—8-Light Windows. "A" Quality White Pine.
Order by size and number.

Size of Glass in Windows Inches	Size of Frame Required Width Feet Inches	Height Feet Inches	Prices Single Strength Glass 278X642	Weight of Windows Pounds
9x12	1 11	x 4 6	\$1.01	17
10x12	2 1	x 4 6	1.02	18
10x14	2 1	x 5 2	1.13	19
12x14	2 5	x 5 2	1.28	23
12x16	2 5	x 5 10	1.39	24

Shipped from factory in Iowa



4-Light Windows
Check Rail
Thickness, 1 3/8 inches

278X640—4-Light Windows. "A" Quality White Pine.
Order by size and number.

Size of Glass in Windows Inches	Size of Frame Required Width Feet Inches	Height Feet Inches	Prices Single Strength Glass 278X640	Weight of Windows Pounds
10x16	2 1	x 3 2	\$0.88	14
10x18	2 1	x 3 6	.92	15
10x20	2 1	x 3 10	.96	16
10x22	2 1	x 4 2	1.01	17
10x24	2 1	x 4 6	1.03	18
10x26	2 1	x 4 10	1.16	19
12x26	2 1	x 5 2	1.27	20
10x30	2 5	x 3 2	1.35	17
12x18	2 5	x 3 6	1.02	18
12x20	2 5	x 3 10	1.03	19
12x22	2 5	x 4 2	1.12	20
12x24	2 5	x 4 6	1.23	21
12x26	2 5	x 4 10	1.33	22
12x28	2 5	x 5 2	1.40	23
12x30	2 5	x 5 6	1.47	24
12x32	2 5	x 5 10	1.57	25
14x24	2 9	x 4 6	1.37	23
14x26	2 9	x 4 10	1.43	24
14x28	2 9	x 5 2	1.60	26
14x30	2 9	x 5 6	1.68	27
14x32	2 9	x 5 10	1.88	29

Shipped from factory in Iowa



12-Light Windows

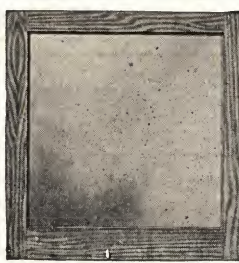
12-Light Windows

"A" Quality White Pine

Check Rail Thickness, 1 3/8 inches
Order by size and number.

Size of Glass in Windows Inches	Size of Frame Required Width Feet Inches	Height Feet Inches	Prices Single Strength Glass 278X644	Weight of Windows Pounds
8x10	2 4 1/2	x 3 10	\$1.08	19
9x12	2 7 1/2	x 4 6	1.28	22
9x14	2 7 1/2	x 5 2	1.48	24
10x12	2 10 1/2	x 4 6	1.60	23
10x14	2 10 1/2	x 5 2	1.75	29
10x16	3 10 1/2	x 5 10	1.97	32
12x16	3 4 1/2	x 5 10		

Shipped from factory in Iowa



Shipped from factory in Iowa.

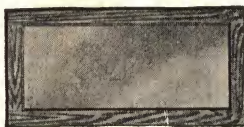
Attic Sash

278X652—Attic Sash. "A" Quality White Pine.
Thickness, 1 3/8 inches. 1-light. 2-inch wooden rail top and sides, 3-inch bottom rail. For frames see 278X681, page 29. Order by Size and Number.

Size of Glass Inches	Outside Measurement of Sash Width Feet Inches	Height Feet Inches	Price Single Strength Glass 278X652	Weight of Sash Pounds
16x20	1 8	x 2 1	\$0.52	5
16x24	1 8	x 5 5	.56	6
18x20	1 10	x 2 1	.55	5
18x24	1 10	x 5 5	.66	6
20x20	1 0	x 2 1	.58	5
20x24	1 0	x 5 5	.69	7
24x20	2 4	x 2 1	.70	8
24x24	2 4	x 5 5	.76	8
24x28	2 4	x 9 9	.81	10
24x30	2 4	x 11	.87	10

Montgomery Ward & Co.,
Gentlemen:
Pittsville, Wis.
Perhaps you would like to hear how your building material you sent me last Fall proved. I am well pleased with the lumber, window frames, doors, sash, and saved fully 20 per cent by the transaction.
Yours respectfully,
Addison S. Kriebel.

Montgomery Ward & Co.
Gentlemen:
Harvard, Ill.
In reply of your letter about the lumber and building material I have purchased, I can only say that I am very satisfied. Everything was O. K. I have built a tool house 14x30; I bought everything I needed for the tool house and I saved about twenty-five dollars. I did not find 6 inches that could not be used. If I build any more Montgomery Ward & Company will be the place.
Your customer,
Theo. Altenburg, Harvard, Ill.
P. S.—Please send a few building material ordering blanks.

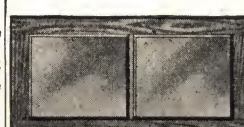


Transoms

"A" Quality White Pine. Thickness, 1 3/8 inches. Single strength glass. Width of wooden top and side rails and stiles, 2 inches. Average weight, about 7 pounds.

Size of Sash Width Feet Inches	Height Feet Inches	Prices Single Strength Glass 278X649
2 6	x 10	\$0.41
2 6	x 12	.44
2 6	x 14	.46
2 6	x 16	.48
3 0	x 16	.58
3 0	x 20	.68

Shipped from factory in Iowa



2-Light Cellar Sash

"A" Quality White Pine. Thickness, 1 3/8 inches. Width of wooden top and side rails, 2 inches. Average weight, about 7 pounds.

Size of Glass Inches	Size of Sash Width Feet Inches	Height Feet Inches	Price Single Strength Glass 278X646
10x12	2 1	x 1 4	\$0.41
12x12	2 5	x 1 4	.44
12x14	2 5	x 1 6	.48
12x16	2 5	x 1 8	.52
14x16	2 9	x 1 8	.57

Shipped from Factory in Iowa

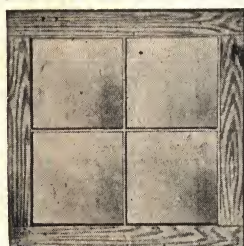


3-Light Cellar Sash

"A" Quality White Pine. Thickness, 1 3/8 inches. Width of wooden side and top rail, 2 inches. Average weight, about 7 pounds.

Size of Glass Inches	Size of Sash Width Feet Inches	Height Feet Inches	Price Single Strength Glass 278X648
7 x 9	2 1	x 1 1	\$0.38
8x10	2 1	x 1 2	.42
9x12	2 7	x 1 2	.42
9x14	2 7	x 1 6	.50
9x16	2 7	x 1 8	.53
10x12	2 10	x 1 4	.61
10x14	2 10	x 1 6	.63
10x16	2 10	x 1 8	.68

Shipped from Factory in Iowa



4-Light Barn Sash

"A" Quality White Pine. Thickness, 1 3/8 inches. Width of wood rails, 2 inches. Average weight, about 7 pounds.

Shipped from factory in Iowa

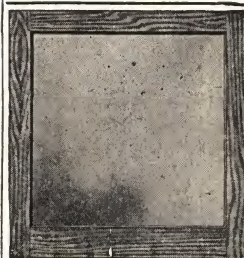


Single Sash

"A" Quality White Pine. Thickness, 1 3/8 inches. Width of wooden side and top rails, 2 inches; bottom rail, 3 inches. Plain, double-strength glass. Used in halls, gables and other places. Weight, about 15 pounds.

Size of Glass Inches	Size of Sash Width Feet Inches	Height Feet Inches	Price Double Strength Glass 278X654
36x18	3 4	x 1 11	\$1.04

Shipped from factory in Iowa



Stall Sash

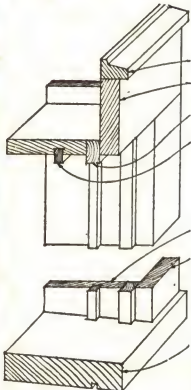
"A" Quality White Pine. Thickness, 1 3/8 inches. One-light. Width of wood rails, 2 inches. Weight, about 6 pounds.

Size of Glass Inches	Size of Sash Width Feet Inches	Height Feet Inches	Price Single Strength Glass 278X656
8x10	1 0	x 1 1	\$0.29
12x16	1 4	x 1 9	.37

Shipped from factory in Iowa

Highest Grade Window Frames

Plain Drip Cap Frame



For Wooden Frame Buildings

The window frames on this page are made for frame buildings having regular 2x4 studding, sheathing and plastering. **THE IMPORTANT POINT TO REMEMBER** is that they are **STANDARD CONSTRUCTION** in every way, so that you should find it easy to make your selection.

HOW TO ORDER—If you know the glass size of the windows, find that size in the first column at the left and follow across to the kind of frame you want. If you know the outside measurements of the window, refer to column headed "Size of Frame Required." In ordering give either the size of glass and number of lights or the "Size of Frame required."

SIZES NOT LISTED—If the size you want is not listed here, take the price of the next listed size and add 10c per frame.

BE SURE TO GIVE SIZE WANTED.
MULLION OR DOUBLE AND TRIPLE FRAMES—See prices at bottom of Page 29.

FRAMES FOR WALL BOARD—Give exact width of jambs wanted. Add 25c per frame to price quoted.

PLAIN DRIP CAP FRAMES—Illustration at the left shows plain Drip Cap Frames furnished in 3 different ways, as listed below. Specifications: Thickness of Pulley Stiles and Head Jambs, forming the sides and top of the frames, 1 1/4 inch; width, 5 3/4 inches, including the Blind Stop. Pulley Stiles are plowed or grooved to receive the parting stop. Thickness of sill, 1 1/4 inches; width, 7 1/4 inches. Thickness of Drip Cap, 1 1/4 inch; width, 1 1/4 inches.

278X671—Thickness of outside casing in this frame, 1 1/4 inch; width, 4 1/2 inches. No pulleys included with this frame.

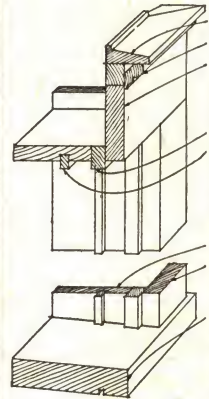
278X672—Thickness of outside casing in this frame, 1 1/4 inches; width, 4 1/2 inches. No pulleys included.

278X673—This frame the same as No. 278X672, except that pulleys are included.

CROWN MOULD CAP FRAMES—No. 278X676, so called from the fact that the outside cap is finished with a crown mould. This necessitates a head casing that is 5 3/4 inches wide. Prices include pulleys. Other specifications the same as No. 278X673.

Our frames are made of good quality White Pine throughout, and are the highest grade that is manufactured. Carried in stock in the sizes listed, all grooved and fitted, ready to be put together. Shipped knocked down, securely wrapped, one frame to the bundle. Average shipping weight, per frame, 40 pounds.

Crown Mould Cap Frame



For Wooden Frame Buildings

Frames for Check Rail Windows

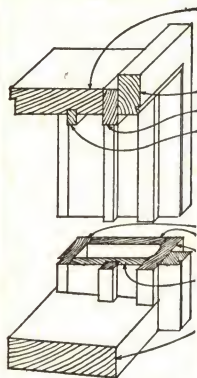
Order by Size and Number. Always give width first

Size of Glass in 2-Light Window Inches	Size Frame Required				Plain Drip Cap				Crown Mould Cap			
	Width		Height		Casing Without Pulleys		Casing With Pulleys		Casing Without Pulleys		Casing With Pulleys	
	Feet	Inches	Feet	Inches	278X671	278X672	278X673	278X676	278X671	278X672	278X673	278X676
12x20	1	4	3	10	\$1.18	\$1.38	\$1.58	\$1.78	\$1.18	\$1.38	\$1.58	\$1.78
12x24	1	4	4	6	\$1.19	\$1.39	\$1.59	\$1.79	\$1.19	\$1.39	\$1.59	\$1.79
12x26	1	4	4	10	\$1.20	\$1.40	\$1.60	\$1.80	\$1.20	\$1.40	\$1.60	\$1.80
12x28	1	4	4	2	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
12x30	1	4	4	2	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
12x32	1	4	4	10	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
14x20	1	6	3	10	\$1.19	\$1.39	\$1.59	\$1.79	\$1.19	\$1.39	\$1.59	\$1.79
14x24	1	6	4	6	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
14x26	1	6	4	10	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
14x28	1	6	4	2	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
14x30	1	6	4	2	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
16x20	1	8	3	10	\$1.20	\$1.40	\$1.60	\$1.80	\$1.20	\$1.40	\$1.60	\$1.80
16x22	1	8	4	2	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
16x24	1	8	4	6	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
16x26	1	8	4	10	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
16x28	1	8	4	2	\$1.24	\$1.44	\$1.64	\$1.84	\$1.24	\$1.44	\$1.64	\$1.84
16x30	1	8	4	2	\$1.31	\$1.51	\$1.71	\$1.91	\$1.31	\$1.51	\$1.71	\$1.91
18x20	1	10	3	10	\$1.20	\$1.40	\$1.60	\$1.80	\$1.20	\$1.40	\$1.60	\$1.80
18x24	1	10	4	6	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
18x26	1	10	4	10	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
18x28	1	10	4	2	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
18x30	1	10	4	2	\$1.24	\$1.44	\$1.64	\$1.84	\$1.24	\$1.44	\$1.64	\$1.84
18x32	1	10	4	10	\$1.32	\$1.52	\$1.72	\$1.92	\$1.32	\$1.52	\$1.72	\$1.92
18x34	1	10	4	10	\$1.43	\$1.63	\$1.83	\$2.03	\$1.43	\$1.63	\$1.83	\$2.03
20x20	2	0	3	10	\$1.20	\$1.40	\$1.60	\$1.80	\$1.20	\$1.40	\$1.60	\$1.80
20x22	2	0	4	2	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
20x24	2	0	4	6	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
20x26	2	0	4	10	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
20x28	2	0	4	2	\$1.24	\$1.44	\$1.64	\$1.84	\$1.24	\$1.44	\$1.64	\$1.84
20x30	2	0	4	2	\$1.32	\$1.52	\$1.72	\$1.92	\$1.32	\$1.52	\$1.72	\$1.92
20x32	2	0	4	10	\$1.43	\$1.63	\$1.83	\$2.03	\$1.43	\$1.63	\$1.83	\$2.03
20x34	2	0	4	10	\$1.55	\$1.75	\$1.95	\$2.15	\$1.55	\$1.75	\$1.95	\$2.15
22x20	2	2	3	10	\$1.20	\$1.40	\$1.60	\$1.80	\$1.20	\$1.40	\$1.60	\$1.80
22x22	2	2	4	2	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
22x24	2	2	4	6	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
22x26	2	2	4	10	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
22x28	2	2	4	2	\$1.24	\$1.44	\$1.64	\$1.84	\$1.24	\$1.44	\$1.64	\$1.84
22x30	2	2	4	2	\$1.29	\$1.49	\$1.69	\$1.89	\$1.29	\$1.49	\$1.69	\$1.89
22x32	2	2	4	10	\$1.35	\$1.55	\$1.75	\$1.95	\$1.35	\$1.55	\$1.75	\$1.95
22x34	2	2	4	10	\$1.43	\$1.63	\$1.83	\$2.03	\$1.43	\$1.63	\$1.83	\$2.03
24x20	2	4	3	10	\$1.20	\$1.40	\$1.60	\$1.80	\$1.20	\$1.40	\$1.60	\$1.80
24x22	2	4	4	2	\$1.21	\$1.41	\$1.61	\$1.81	\$1.21	\$1.41	\$1.61	\$1.81
24x24	2	4	4	6	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
24x26	2	4	4	10	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
24x28	2	4	4	2	\$1.24	\$1.44	\$1.64	\$1.84	\$1.24	\$1.44	\$1.64	\$1.84
24x30	2	4	4	2	\$1.32	\$1.52	\$1.72	\$1.92	\$1.32	\$1.52	\$1.72	\$1.92
24x32	2	4	4	10	\$1.37	\$1.57	\$1.77	\$1.97	\$1.37	\$1.57	\$1.77	\$1.97
24x34	2	4	4	10	\$1.43	\$1.63	\$1.83	\$2.03	\$1.43	\$1.63	\$1.83	\$2.03
24x36	2	4	4	10	\$1.55	\$1.75	\$1.95	\$2.15	\$1.55	\$1.75	\$1.95	\$2.15
26x24	2	6	4	6	\$1.22	\$1.42	\$1.62	\$1.82	\$1.22	\$1.42	\$1.62	\$1.82
26x26	2	6	4	10	\$1.23	\$1.43	\$1.63	\$1.83	\$1.23	\$1.43	\$1.63	\$1.83
26x28	2	6	4	2	\$1.32	\$1.52	\$1.72	\$1.92	\$1.32	\$1.52	\$1.72	\$1.92
26x30	2	6	4	2	\$1.40	\$1.60	\$1.80	\$2.00	\$1.40	\$1.60	\$1.80	\$2.00
26x32	2	6	4	10	\$1.43	\$1.63	\$1.83	\$2.03	\$1.43	\$1.63	\$1.83	\$2.03
28x24	2	8	4	6	\$1.39	\$1.59	\$1.79	\$1.99	\$1.39	\$1.59	\$1.79	\$1.99
28x26	2	8	4	10	\$1.40	\$1.60	\$1.80	\$2.00	\$1.40	\$1.60	\$1.80	\$2.00
28x28	2	8	4	2	\$1.41	\$1.61	\$1.81	\$2.01	\$1.41	\$1.61	\$1.81	\$2.01
28x30	2	8	4	2	\$1.45	\$1.65	\$1.85	\$2.05	\$1.45	\$1.65	\$1.85	\$2.05
28x32	2	8	4	10	\$1.46	\$1.66	\$1.86	\$2.06	\$1.46	\$1.66	\$1.86	\$2.06
28x34	2	8	4	10	\$1.55	\$1.75	\$1.95	\$2.15	\$1.55	\$1.75	\$1.95	\$2.15
28x36	2	8	4	10	\$1.66	\$1.86	\$2.06	\$2.26	\$1.66	\$1.86	\$2.06	\$2.26
28x40	2	8	4	10	\$1.75	\$1.95	\$2.15	\$2.35	\$1.75	\$1.95	\$2.15	\$2.35

Size of Glass in 2-Light Window Inches	Size Frame Required				Plain Drip Cap				Crown Mould Cap			
	Width		Height		Casing Without Pulleys		Casing With Pulleys		Casing Without Pulleys		Casing With Pulleys	
	Feet	Inches	Feet	Inches	278X671	278X672	278X673	278X676	278X671	278X672	278X673	278X676
30x24	3	0	4	6	\$1.36	\$1.56	\$1.76	\$1.96	\$1.36	\$1.56	\$1.76	\$1.96
30x26	3	0	4	10	\$1.41	\$1.61	\$1.81	\$2.01	\$1.41	\$1.61	\$1.81	\$2.01
30x28	3	0	4	2	\$1.42	\$1.62	\$1.82	\$2.02	\$1.42	\$1.62	\$1.82	\$2.02
30x30	3	0	4	6	\$1.46	\$1.66	\$1.86	\$2.06	\$1.46	\$1.66	\$1.86	\$2.06
30x32	3	0	4	10	\$1.52	\$1.72	\$1.92	\$2.12	\$1.52	\$1.72	\$1.92	\$2.12
30x34	3	0	4	2	\$1.57	\$1.77	\$1.97	\$2.17	\$1.57	\$1.77	\$1.97	\$2.17
30x36	3	0	4	2	\$1.66	\$1.86	\$2.06	\$2.26	\$1.66	\$1.86	\$2.06	\$2.26
32x24	3	2	4	6	\$1.37	\$1.57	\$1.77	\$1.97	\$1.37	\$1.57	\$1.77	\$1.97
32x26	3	2	4	10	\$1.43	\$1.63	\$1.83	\$2.03	\$1.43	\$1.63	\$1.83	\$2.03
32x28	3	2	4	2	\$1.49	\$1.69	\$1.89	\$2.09	\$1.49	\$1.69	\$1.89	\$2.09
32x30	3	2	4	6	\$1.55	\$1.75	\$1.95	\$2.15	\$1.55	\$1.75	\$1.95	\$2.15
32x32	3	2	4	10	\$1.61	\$1.81	\$2.01	\$2.21	\$1.61	\$1.81	\$2.01	\$2.21
32x34	3	2	4	2	\$1.65	\$1.85	\$2.05	\$2.25	\$1.65	\$1.85	\$2.05	\$2.25
32x36	3	2	4	2	\$1.78	\$1.98	\$2.18	\$2.38	\$1.78	\$1.98	\$2.18	\$2.38
40x28	4	0	5	2	\$1.60	\$1.80	\$2.00	\$2.20	\$1.60	\$1.80	\$2.00	\$2.20
40x30	4	0	5	6	\$1.63	\$1.83	\$2.03	\$2.23	\$1.63	\$1.83	\$2.03	\$2.23
40x32	4	0	5	10	\$1.72	\$1.92	\$2.12	\$2.32	\$1.72	\$1.92	\$2.12	\$2.32
40x34	4	0	5	2	\$1.78	\$1.98	\$2.18	\$2.38	\$1.78	\$1.98	\$2.18	\$2.38
44x28	4	4	5	2	\$1.70	\$1.90	\$2.10	\$2.30	\$1.70	\$1.90	\$2.10	\$2.30
44x30	4	4	5	6	\$1.71	\$1.91	\$2.11	\$2.31	\$1.71	\$1.91	\$2.11	\$2.31
44x32	4	4	5	10	\$1.78	\$1.98	\$2.18	\$2.38	\$1.78	\$1.98	\$2.18	\$2.38
44x34	4	4	5	2	\$1.83	\$2.02	\$2.22	\$2.42	\$1.83	\$2.02	\$2.22	\$2.42

Size of Glass in 4-Light Window Inches	Size Frame Required				Plain Drip Cap				Crown Mould Cap			
	Width		Height		Casing Without Pulleys		Casing Without Pulleys		Casing with Pulleys		Casing with Pulleys	
	Feet	Inches	Feet	Inches	278X671	278X672	278X673	278X676	278X671	278X672	278X673	278X676
10x20	2	1	3	10	1.20	1.40	1.60	1.80				
10x22	2	1	4	2	1.21	1.41	1.61	1.81				
10x24	2	1	4	6	1.22	1.42	1.62	1.82				
10x26	2	1	4	10	1.23	1.43	1.63	1.83				
10x28	2	1	4	5	1.24	1.44	1.63	1.83				
10x30	2	1	5	5	1.25	1.52	1.72	1.92				
10x32	2	1	5	10	1.23	1.63	1.83	2.03				
12x20	2	5	3	10	1.20	1.40	1.60	1.80				
12x22	2	5	3	2	1.21	1.41	1.61	1.81				
12x24	2	5	4	6	1.22	1.42	1.62	1.82				
12x26	2	5	4	10	1.26	1.46	1.66	1.86				
12x28	2	5	5	2	1.32	1.52	1.72	1.92				
12x30	2	5	5	10	1.32	1.52	1.72	1.92				
12x32	2	5	5	2	1.43	1.63	1.83	2.03				
12x34	2	5	6	2	1.55	1.75	1.95	2.15				
12x36	2	5	6	6	1.65	1.86	2.06	2.26				

Highest Grade Window Frames



**Frame for
Solid Brick,
Stone or
Cement Block
Buildings**

Window Frames for Solid Brick, Stone or Cement Block Buildings

are shown by illustration at the left. Commonly known as Box Window Frames. Made for a regular 9-inch wall, but can be used for 13-inch wall by using an extension jamb. Remember, the frames we furnish are the standard frames, made in accordance with the best methods of construction, and are high-grade in every respect.

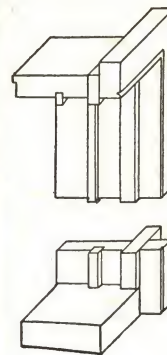
Specifications: Brick-Mould—Thickness, 1 1/4 inches; width, 2 inches; with beaded edge. Blind Stop—Thickness, 13/16 inch; width, 4 1/2 inches. Pulley Stile—Forming the sides and top of frame, thickness, 13/16 inch; width, 4 inches, to which is added the thickness of the Blind Stop and Inside Lining, making the total width of the Pulley Stile 5 1/2 inches. Thickness of Parting Stop, 1/2 inch; width, 13/16 inch. Thickness of inner side of box, 13/16 inch; width, 4 inches, and is rabbeted or grooved to receive an extension when this frame is used for residences. Thickness of back side of box, 13/16 inch; width, 4 1/4 inches. Thickness of Top Stile or Head Jamb, 1 1/4 inches; width, 4 1/4 inches, with Blind Stop, thickness, 13/16 inch; width, 1 1/4 inches. Thickness of Sill, 1 1/4 inches; width, 5 1/4 inches.

No arch boards for making a round arch over windows are furnished, but can readily be made right on the job and nailed on top of the head brick moulding. Prices include Pulleys.

Window Frames for Brick Veneer Buildings

Illustration at right shows the standard Brick Veneer Window Frame. Specifications: Brick-Mould—Thickness, 1 1/4 inches; width, 2 inches, with beaded edge. Blind Stop—Thickness, 13/16 inch; width, 4 1/2 inches. Pulley Stile or Jamb—Thickness, 13/16 inch; width, 5 1/4 inches, including Blind Stop. Parting Stop, 1/2 by 13/16 inches. Sill—Thickness, 1 1/4 inches; width, 5 1/4 inches. Prices include pulleys.

No arch boards for making a round arch over window are furnished, but can readily be made right on the job and nailed on top of the head brick moulding. Prices include Pulleys.



**Frame for
Brick Veneer
Buildings**

All our frames are made of good quality White Pine, according to the best methods of construction. Shipped knocked down, carefully packed. Average shipping weight, about 50 pounds.

Prices of Box Window Frames

Order by size and number. Prices include pulleys.

Width		Height	Price per Frame
Feet	Inches		278X678
2	6	5 feet 2 inches or smaller	\$2.03
2	10	6 feet 6 inches or smaller	2.37
2	10	7 feet 2 inches or smaller	2.47
3	8	5 feet 2 inches or smaller	2.44
3	8	7 feet 2 inches or smaller	2.72
4	4	6 feet 6 inches or smaller	2.75

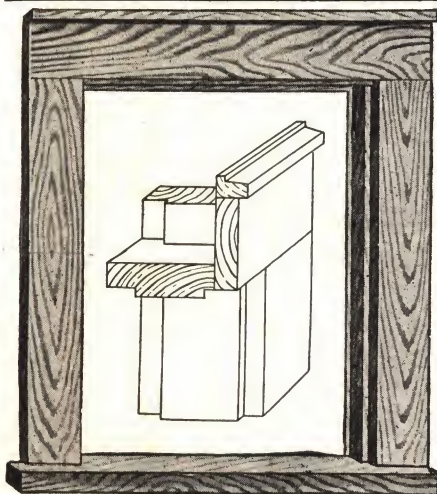
Shipped from factory in Iowa

Prices of Brick Veneer Frames

Always give width first. Prices include Pulleys.

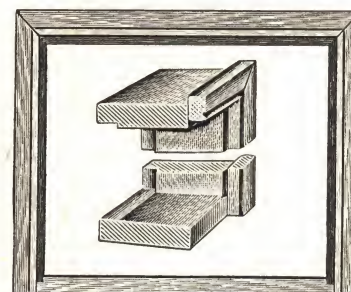
Width		Height	Price per Frame
Feet	Inches		278X679
2	6	5 feet 2 inches or smaller	\$2.40
2	10	6 feet 6 inches or smaller	2.56
2	10	7 feet 2 inches or smaller	2.58
3	8	5 feet 2 inches or smaller	2.50
3	8	7 feet 2 inches or smaller	3.09
4	4	6 feet 6 inches or smaller	3.04

Shipped from factory in Iowa



Sash Frames

Furnished with either plain drip cap, as illustrated, or crown mould cap. Made of White Pine. Thickness of jambs, 1 1/4 inches, width, 5 1/4 inches, rabbeted on both outer and inner edge so the sash can be hung to swing in or out. Furnished only in sizes listed below, but can readily be cut down by the carpenter right on the job. Shipped knocked down and bundled. Shipping weight, about 30 pounds.



Cellar Sash Frames

For regular brick walls. Jambs, thickness, 1 1/4 inches, width, 7 1/4 inches. Brick Mould, 1 1/2 x 2 inches. Furnished in sizes below, but can readily be cut down to other sizes. Weight, about 20 pounds. 278X686—Price, per frame.....90c

Carried in Following Sizes
Be Sure to State Size Wanted

10x12 2 light....opening	2-1x1-4	9x12 3 light....opening	2- 7x1-4
12x12 2 light....opening	2-5x1-4	9x14 3 light....opening	2- 7x1-6
12x14 2 light....opening	2-5x1-6	9x16 3 light....opening	2- 7x1-8
12x16 2 light....opening	2-5x1-8	10x12 3 light....opening	2-10x1-4
14x16 2 light....opening	2-9x1-8	10x14 3 light....opening	2-10x1-6
7x 9 3 light....opening	2-1x1-1	10x14 3 light....opening	2-10x1-6
8x10 3 light....opening	2-4x1-2	10x16 3 light....opening	2-10x1-8

Shipped from factory in Iowa

Mullion or Double Window Frames

Mullion or Double Window Frames. Prices are two times the price of single frames of the same window sizes LISTED ON PAGE 28 PLUS 50c. Nos. 278X660-661-662 are plain Drip Cap.

13/16 Inch Casing Without Pulleys	1 1/4 Inch Casing Without Pulleys	1 1/4 Inch Casing With Pulleys	Crown Mould Cap 1 1/4 Inch Casing With Pulleys
278X660	278X661	278X662	278X663

Triple Window Frames

Prices are three times the price of single frames of the same window size LISTED ON PAGE 28 PLUS 75c. Nos. 278X664-665-666 are plain Drip Cap.

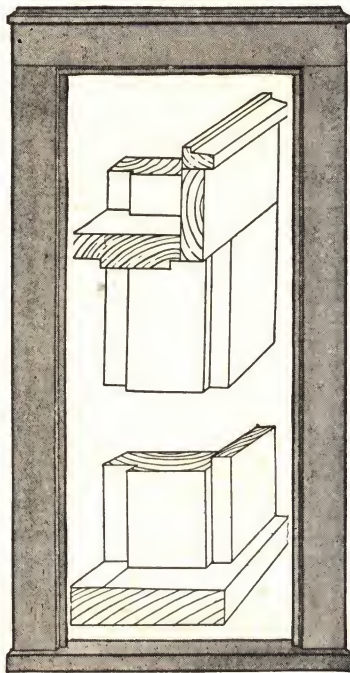
13/16 Inch Casing Without Pulleys	1 1/4 Inch Casing Without Pulleys	1 1/4 Inch Casing With Pulleys	Crown Mould Cap 1 1/4 Inch Casing With Pulleys
278X664	278X665	278X666	278X667

For repairs, a few dollars go a long way in this book

Montgomery Ward & Co.

29

Highest Grade Door Frames



Frames for Wood Buildings

The frames shown on this page are the standard frames of their kind. They are made of good quality White Pine throughout and are cut and fitted at the factory, ready to be put together.

Plain Drip Cap Door Frames—Shown at the left. Specifications—Outside casing, either 13/16 inch or 1 1/8 inches thick, as listed, 4 1/2 inches wide. Jambs, forming the sides and top of frame, 1 3/8 inches thick by 5 3/8 inches wide. Jambs are rabbeted to receive 1 3/8-inch doors, unless otherwise specified. Sill, 1 1/8 inches thick by 7 1/4 inches wide. Drip Cap, 1 1/8 inches thick by 1 5/8 inches wide. Made for frame building with 2x4 studding, sheathing, lath, plaster, and siding.

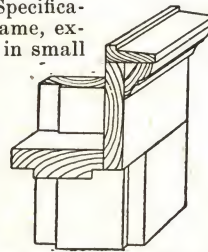
Crown Mould Cap Door Frames—Specifications are the same as the Drip Cap Frame, except for the Crown Mould Cap, shown in small detail at right. With this cap the head casing is made 6 inches wide.

In Ordering Door Frame be sure to give thickness of door for which it is intended. Unless otherwise specified, we ship frames rabbeted for 1 3/8-inch doors.

Inside Door Jambs or Frames—For interior doors. Jambs, 13/16 inch thick by 5 1/2 inches wide.

Sizes Not Listed—All door frames carried in stock only in sizes listed, but any frames can readily be cut down to a smaller size. We recommend ordering the next largest size rather than have special size made, which means a delay and extra expense.

Shipping—Frames shipped knocked down and securely bundled. Average weight of outside frames, about 45 pounds; inside frames, about 20 pounds.



Crown Mould Frame



Made of
Clear Lumber

Stop Not Included.

For Prices See
Page 35

Inside Door
Jambs

Size of Doors		Plain Drip Cap		Crown Mould Cap
Width	Height	278X693	278X694	278X695
Feet	Inches	13/16-Inch Casing	1 1/8-Inch Casing	1 1/8-Inch Casing
2	8	x	6	8
3	0	x	7	0
		\$1.64	\$1.80	\$1.98
		1.78	1.84	2.04

Shipped from factory in Iowa.

Size of Doors		278X688	278X689	278X690
Width	Height	Yellow Pine	Fir	Oak
Feet	Inches			
2	8	x	6	8
3	0	x	7	0
6	0	x	7	0
		\$0.49	\$0.54	\$0.99
		.54	.60	1.10
		.68	.75	1.49
6	0	x	7	0
		1.72	....	2.79
6	0	x	7	0
		1.87	....	2.98

Shipped from factory in Iowa.

Plank Door Frames

The standard frame for solid brick, concrete block or stone buildings. Made for walls of two different thicknesses, as listed below. Good quality White Pine throughout. A strictly "A" grade frame. Shipped knocked down and bundled. Weight, about 50 pounds.

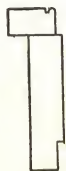
Specifications—Jambs, forming sides and headpiece, 1 5/8 inches thick. If for 9-inch wall, jambs are 7 1/4 inches wide; for 13-inch wall, 11 1/2 inches wide, including Brick Mold in each case. Brick mold is 1 1/8 inches by 2 inches, with beaded edge. No sill included. Arch pieces for forming a circular arch above door not included, but can readily be made by the carpenter right on the job and nailed on top of the brick molding. Frames carried in stock in two sizes only, which can easily be cut down to fit intermediate sizes.

In ordering be sure to give thickness of door for which frame is intended.

Door Frames for Brick Veneer Buildings

For buildings with 2x4 studding and brick veneer. Standard construction. Good quality White Pine throughout. Strictly "A" grade frame. Shipped knocked down and bundled. Weight, about 50 pounds. Specifications—Brick mold, 1 1/8 inches by 2 inches, with beaded edge. Casing or Blind Stop, 13/16 inches thick by 4 1/2 inches wide. Jambs, 1 3/8 inches thick by 5 3/8 inches wide. No sill or arch boards included. Carried in stock in two sizes only, which can easily be cut down to fit intermediate sizes. In ordering be sure to give thickness of door for which frame is intended.

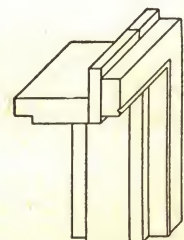
Plank Door Frames



For 9-inch Wall
or 13-inch Wall

278X699

Door Frames for Brick Veneer Buildings



278X700

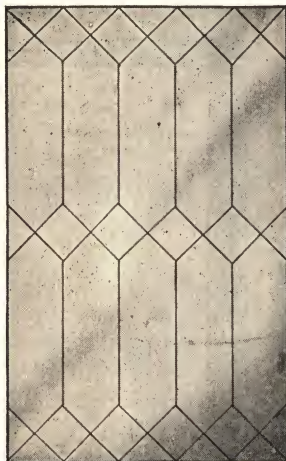
Width		Height	278X699	
			Price per Frame for 9-inch wall or 13-inch Wall	
2 feet 8 inches	x	6 feet 8 inches	\$1.80	\$2.48
3 feet	x	7 feet	2.09	2.73

Shipped from factory in Iowa.

Width		Height	278X700	
			Price per Frame	
2 feet 8 inches	x	6 feet 8 inches	\$1.98	
3 feet	x	7 feet	2.34	

Shipped from factory in Iowa.

Leaded Glass—Fancy Sheet Glass



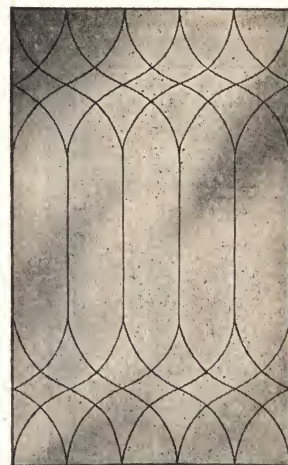
278X728—Leaded Crystal Sheet Glass. Price, per square foot.....**40c**
Shipped from factory in Iowa.



278X729—Leaded Crystal Sheet Glass. Price, per square foot.....**40c**
Shipped from factory in Iowa.



278X730—Leaded Crystal Sheet Glass. Price, per square foot.....**44c**
Shipped from factory in Iowa.



278X731—Leaded Crystal Sheet Glass. Price, per square foot.....**50c**
Shipped from factory in Iowa.



278X732—Leaded Bevel Plate Glass. Price, per square foot.....**\$1.80**
Shipped from factory in Iowa.

Important Read This Before Ordering

Be sure to select a design having the same proportions as the opening where you wish to set the glass. For instance, do not select a long, narrow glass for a short, wide opening. Even when the proper shape is selected it is sometimes necessary to make some minor changes in the design of the glass.

The prices quoted are for the glass only. To find the cost of a light of glass, find the number of square feet in the size required and multiply by the price per square foot. For instance, a light of glass No. 278X728, 24 inches wide and 36 inches high, will contain 6 square feet, which, at 40c per square foot, will amount to \$2.40.

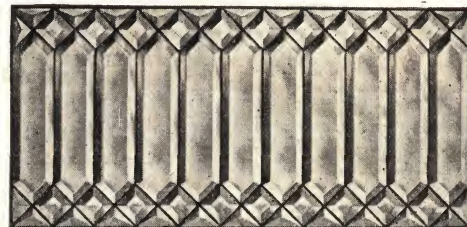
If you want a Leaded Crystal sheet or Bevel Plate glass set in a wood sash with side pieces and top piece 2 inches wide and the bottom piece 3 inches wide, send us the exact outside measurements of the sash and the article number of the glass you wish to use and we will quote you accordingly.

In ordering or writing for quotations always be sure to Give the Width First and then the length.

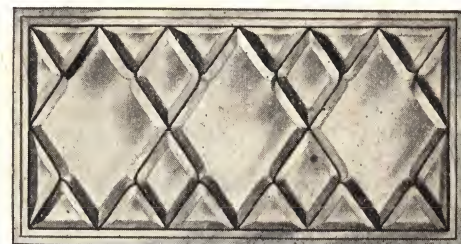
We will furnish the above designs in any practical size required, but all lights having less than 3 square feet will be charged the same as 3 square feet.

Made to Order—All lights and leaded glass are made to order. It is therefore necessary to allow about two weeks for making shipment.

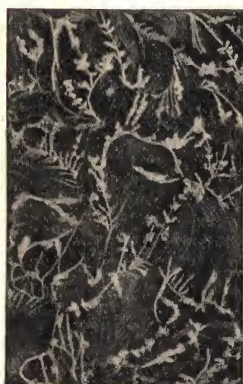
Shipping Weight—The average shipping weight of a light of Crystal Sheet Glass is about 25 pounds; all Leaded Plate Glass, about 50 pounds, and the fancy Sheet Glass, about 20 pounds. It is impossible to give actual shipping weights in each case, because of the difference in packing, but it is rare that an order of this material will weigh 100 pounds, and the freight charges will be a very small item considering the saving in our prices.



278X733—Leaded Bevel Plate Glass. Price, per square foot.....**\$1.50**
Shipped from factory in Iowa.



278X734—Leaded Bevel Plate Glass. Price, per square foot.....**\$1.60**
Shipped from factory in Iowa.



278X740

Fancy Sheet Glass

Cut to any size desired, except Cathedral, which is not furnished larger than 36x36 inches. Figured even inches only, for example: Size 23x26½ would be figured as 24x28.

On orders of less than \$1.00 we charge 25c extra for boxing. No order filled for less than 75c including boxing.

278X740 —Chipped Glass, Double Strength, White. Per square foot.....	6c
278X741 —Double Strength, White Ground Glass. Per square foot.....	8c
278X742 —Maze Glass ¼ inch thick, White. Per square foot.....	7c
278X743 —Cathedral Glass, thickness—½ inch, Blue. Per square foot.....	12c
278X744 —Cathedral Glass, thickness—½ inch, Green. Per square foot.....	12c
278X745 —Cathedral Glass, thickness—½ inch, Wine color. Per square foot.....	12c
278X746 —Ribbed Glass, thickness—½ inch, White, for skylights. Per square foot.....	13½c
278X747 —Florentine Glass, double strength. Per square foot.....	18c

Shipped from factory in Iowa.



278X747

**Cut To Length
Eliminates Waste**

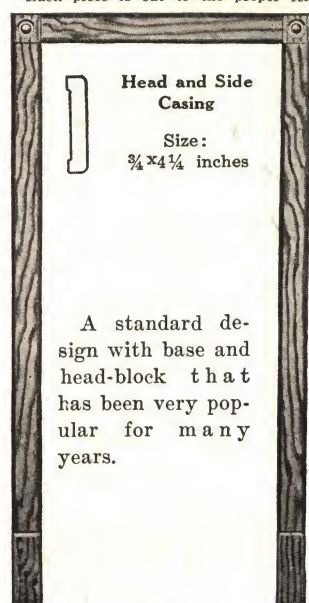
Sides of Door Trim

For Interior Use Only

**Economical
Practical**

A Side of Door Trim consists of the Head Casing, Cap Moulding, Blocks, Fillet, Side Casing and Base Blocks fitted around the inside of a door frame, as illustrated below. One Side of Trim is required for each outside door and one for each closet door. Two Sides of Trim are required for each interior door.
This method saves you money because waste is eliminated. By sawing each piece to the proper length at the factory we can use up the material to the best possible advantage, so that there are no useless pieces left over. You can see that this means quite a saving.
Each piece is cut to the proper length with an allowance for trimming and fitting,

which is done right on the job. The head and side casing of each trim are bundled separately, so there is no difficulty in picking out the material for each door or window. If you are doing the work yourself this is a big convenience, and if you are paying to have the work done it means a big saving.
How to order: In ordering Sides of Door Trim tell us the number of sides wanted, the Article number of the design wanted, the kind of wood wanted; for example, 2 Sides of Door Trim No. 278X754, Yellow Pine, size $\frac{3}{4} \times \frac{1}{2}$ inches, at 53c, \$1.06; eight sides Door Trim No. 278X754, size $\frac{3}{4} \times \frac{1}{2}$ inches, at 47c, \$3.76. See notes below for sizes not listed.

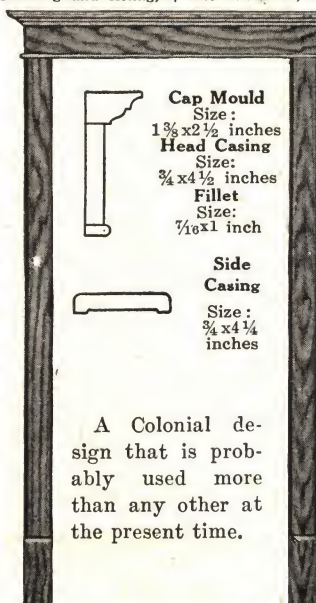


A standard design with base and head-block that has been very popular for many years.

No. 278X753

To find the number of door trims required: Each outside door and each closet door requires one Side of Trim. Each interior door requires two Sides of Trim, one for each side of the partition. Count the number of openings and order accordingly.

**Weight of 1
Complete
Set
20 Pounds**



A Colonial design that is probably used more than any other at the present time.

No. 278X754

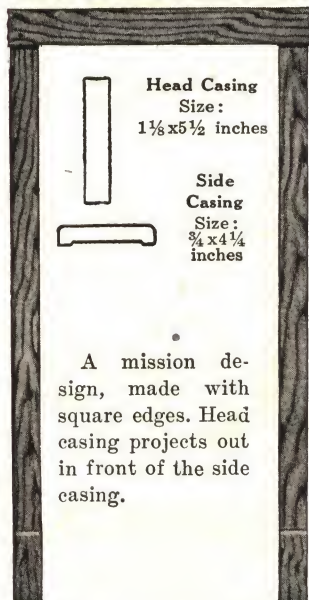
Kinds of Wood:

Door Trims are furnished in Yellow Pine, White Pine, Oak or Fir, as listed below, and in the designs shown, so that you can match almost any kind of interior woodwork. All clear stock, thoroughly seasoned. In ordering be sure to state kind of wood wanted.



A design that is growing in favor. Made of round edge casing, no cap. Especially suitable for use with the Sanitary or one panel doors.

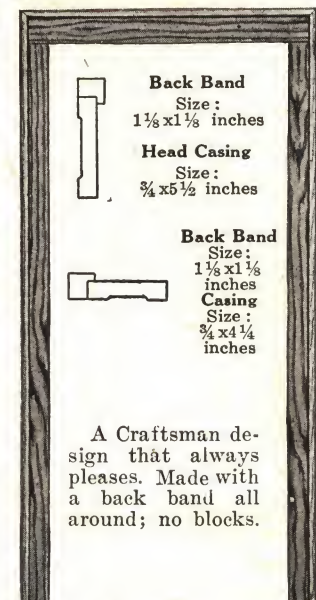
No. 278X755



A mission design, made with square edges. Head casing projects out in front of the side casing.

No. 278X756

Intermediate Sizes take the price of the next largest size. For example, trim for a door 2 feet 6 inches by 7 feet takes price of trim for door 3 feet by 7 feet, and for a door 2 feet 8 inches by 6 feet 10 inches the price of size 3 feet by 7 feet.



A Craftsman design that always pleases. Made with a back band all around; no blocks.

No. 278X757

Door Stops and Jambs are not included in the prices quoted below. For each door you should order about 18 feet of Stops, which are listed on page 34. Inside jambs are shown on page 30 and a complete line of outside door frames on page 30.



A special design, very pleasing. Especially suitable for bungalows.

No. 278X758

Prices on Trims for Doors

Size of Doors	278X753				278X754			278X755				278X756			278X757			278X758	
	Fir	Yellow Pine	White Pine	Oak	Fir	Yellow Pine	Oak	Fir	White Pine	Yellow Pine	Oak	Fir	Oak	Fir	Oak	Fir	Fir		
2 feet 6 inches x 6 feet 6 inches.....	.43	.36	.45	1.04	.50	.38	.85	.42	.48	.42	.95	.46	.99	.58	.43				
2 feet 8 inches x 6 feet 8 inches.....	.45	.37	.47	1.08	.52	.40	.87	.44	.50	.43	.96	.47	1.01	.59	.45				
3 feet x 7 feet.....	.51	.42	.53	1.23	.59	.42	.93	.46	.51	.44	1.11	.49	1.07	.60	.51				
6 feet x 7 feet.....	.63	.47	.65	1.55	.72	.47	1.07	.52	.58	.60	1.38	.66	1.26	.82	.63				
8 feet x 8 feet.....	.69	.54	.71	1.71	.78	.51	1.14	.56	.63	.61	1.46	.67	1.41	.88	.69				

Shipped from Factory in Eastern Iowa

One Trim
To A Bundle

Sides of Window Trim

For Interior Use Only

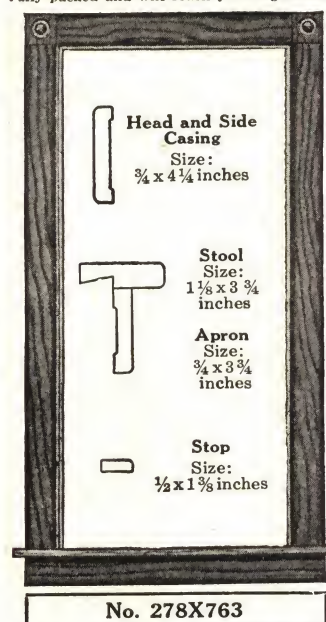
No Waste
No Mistakes

A Side of Window Trim consists of the Head Casing, Cap Moulding, Fillet, Blocks, Side Casing, Stool and Apron that are fitted around the inside of the window opening as illustrated below. Each window in a building requires one Side of Trim.

You save money when you order Door and Window Trims because you are not paying for any material that is wasted. The material is cut in our own factory to the proper lengths with sufficient allowance for cutting and fitting, which is done right on the job. The material comes to you in bundles, easy to select and easy to handle. It is carefully packed and will reach you in good condition.

How to order: In ordering Window Trims simply give the number of Sides of Trim required, the Article number of the design wanted, the size of the glass and the number of lights in each window, and the kind of wood.

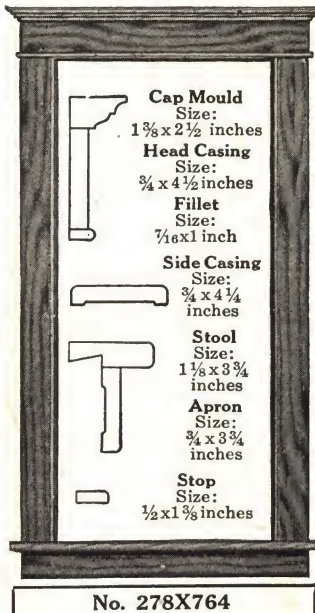
For example: 10 Sides of Window Trim No. 278X764 for windows 24x32, two light, Yellow Pine, at 59c each, \$5.90; 3 Sides of Window Trim No. 278X764 for windows 24x20, two light, Yellow Pine, at 52c, \$1.04. For intermediate sizes, and sizes of four-light, eight-light, twelve-light, and Cottage windows, see notes below.



Kinds of Wood

Window Trims are furnished in Yellow Pine, White Pine, Oak or Fir, as listed below, and in the designs shown, so that you can match almost any kind of interior woodwork. All clear stock, thoroughly seasoned. In ordering be sure to state kind of wood wanted.

Weight of 1
Complete
Set
25 Pounds

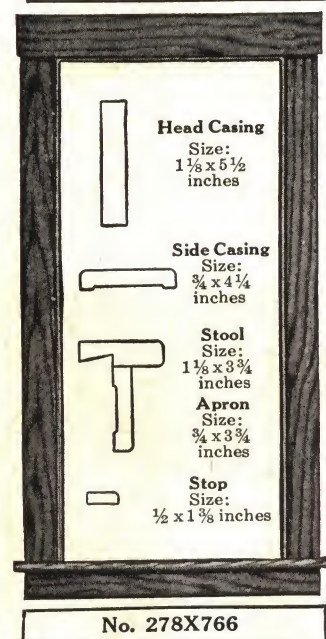
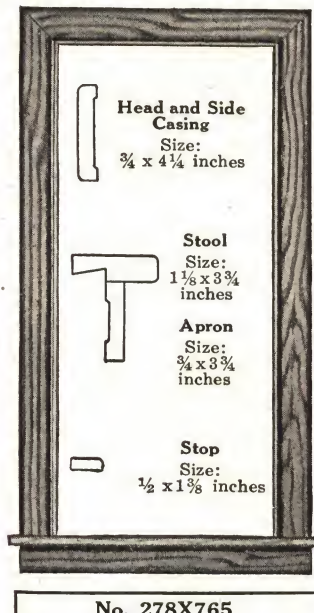


One side of trim required for each window

Makes ordering easy. Simply count the number of windows that need trim and order accordingly.

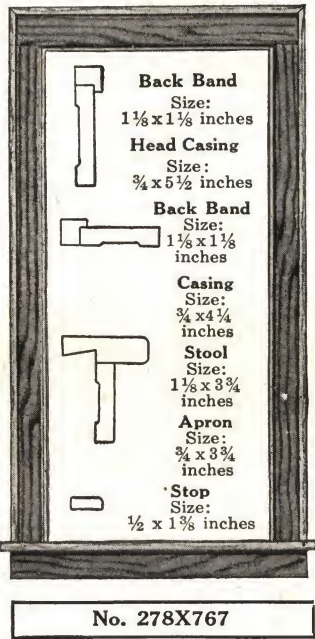
Window stops are included in prices quoted in table below.

For window frames, see Index.



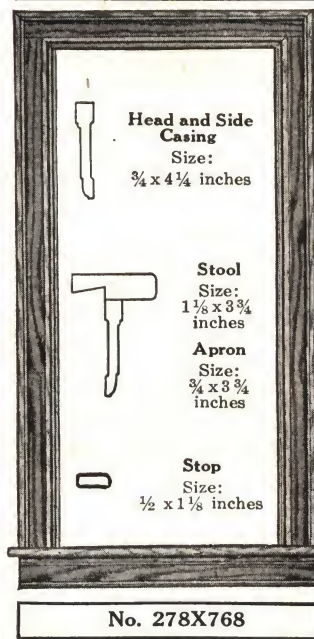
Four-Light, Eight-Light, and Twelve-Light Windows

Trims for these windows take the prices of trims for two-light windows having the same amount of glass. For example, a window 12x32, 4 lights has the same amount of glass as a two-light window 24x32, and therefore the trim takes the same price.



Intermediate Sizes

If you do not find the exact size you require listed below, take the price of the next largest size. For example, trim for 2-light window 22x28 takes the price of 24x32 window, and 26x30 takes the price of 32x26 window. We make liberal allowance for cutting.



Prices on Trims For 2-Light Windows

Glass Size of Two-Light Windows.	278X763		278X764		278X765		278X766		278X767		278X768	
	Fir	Yellow Pine	Yellow Pine	Oak	Fir	Yellow Pine	Oak	Fir	Yellow Pine	Oak	Fir	Oak
24x20 Inches.....	.50	.42	.52	1.24	.58	.44	1.07	.48	.57	.48	1.20	.53
24x26 Inches.....	.53	.47	.55	1.35	.61	.50	1.17	.55	.62	.53	1.26	.58
24x32 Inches.....	.57	.51	.59	1.46	.65	.54	1.28	.59	.67	.58	1.37	.64
32x20 Inches.....	.56	.48	.58	1.45	.64	.53	1.22	.58	.63	.57	1.36	.63
32x26 Inches.....	.61	.53	.63	1.56	.69	.56	1.32	.62	.69	.61	1.45	.67
32x32 Inches.....	.66	.57	.68	1.65	.75	.59	1.41	.65	.75	.62	1.56	.68
44x32 Inches.....	.73	.63	.75	1.88	.83	.65	1.56	.72	.83	.68	1.74	.75

Shipped from Factory in Eastern Iowa

The principles of this business are becoming generally accepted as being correct

Montgomery Ward & Co.

Highest Quality Interior Trim

O. G. Base
Size, $\frac{3}{4} \times 7\frac{1}{4}$ Inches



278X799—Clear Yellow Pine, in mixed lengths, 8 to 16 feet. Per 100 lineal feet.....**\$2.98**
Shipped from factory in Iowa.
Shipping weight, 100 feet, about 135 pounds.
Use Carpet Strip 278X807 with this base.

3-Member Base

Base Mould

Size, $\frac{3}{4} \times 2\frac{1}{2}$ inches.
Weight, about 30 pounds per 100 lineal feet.

Base

Size, $\frac{3}{4} \times 7\frac{1}{2}$ inches.
This base may be used with Carpet Strip only, omitting the Cap.

Furnished with rounded edge.

Weight, per 100 lineal feet, about 135 pounds.

Carpet Strip

Size, $\frac{1}{2} \times \frac{7}{8}$ inches. Prices, per 100 lineal feet in mixed lengths to 16 feet.
Weight, per 100 lineal feet, about 12 pounds.
278X801—Base Mould, Yellow Pine**\$0.96**

278X802 —Base Mould, Fir.....	\$1.06
278X803 —Base Mould, Oak.....	2.25
278X804 —Base, Yellow Pine.....	3.09
278X805 —Base, Fir.....	3.40
278X806 —Base, Oak.....	6.80
278X807 —Carpet Strip, Yellow Pine.....	3.33
278X808 —Carpet Strip, Fir.....	.36
278X809 —Carpet Strip, Oak.....	.76

Shipped from factory in Iowa.

Round Edge Base

Base
Size, $\frac{3}{4} \times 7\frac{1}{4}$ inches.

Shipping weight, per 100 feet, about 150 pounds.

Prices on this page for mixed lengths. For specified lengths, except in short length casings, add 15 per cent. For casings, 5, 6, 7 or 8 feet lengths add 10 per cent. No oak mouldings shipped longer than 12 feet long.

Carpet Strip

See Table at Left

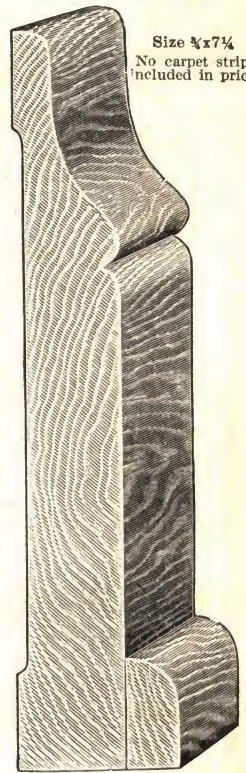
Prices, per 100 lineal feet, in mixed lengths 8 to 16 feet.

278X794 —Round Edge Base, Yellow Pine.....	\$2.98
278X795 —Round Edge Base, Fir.....	3.41
278X796 —Round Edge Base, Oak.....	6.70

Shipped from factory in Iowa.

Moulded Base

Size $\frac{3}{4} \times 7\frac{1}{4}$
No carpet strip included in price.



Prices, per 100 lineal feet, in mixed lengths 8 to 16 feet.
278X791—Moulded Base, Yellow Pine**\$2.95**
278X792—Moulded Base, Fir.....**\$3.40**
278X793—Moulded Base, Oak.....**\$6.66**
Shipped from factory in Iowa.

O. G. Casing



Size, $\frac{3}{4} \times 4\frac{1}{4}$ inches.
Per 100 lineal feet, in mixed lengths, 8 to 16 feet.
278X841—Yellow Pine**\$1.80**
Shipped from factory in Iowa.
Shipping weight, per 100 feet, about 80 pounds.

Round Edge Casing



Prices, per 100 lineal feet, in mixed lengths, 8 to 16 feet.
278X824— $\frac{3}{4} \times 4\frac{1}{4}$ inches. Yellow Pine.....**\$1.80**
278X825— $\frac{3}{4} \times 4\frac{1}{4}$ inches. Fir.....**1.98**
278X826— $\frac{3}{4} \times 4\frac{1}{4}$ inches. Oak.....**4.25**
278X827— $\frac{3}{4} \times 4\frac{1}{4}$ inches. Yellow Pine.....**1.99**
278X828— $\frac{3}{4} \times 4\frac{1}{4}$ inches. Oak.....**5.10**
Shipped from factory in Iowa.
Shipping weight, per 100 feet, about 80 pounds.

Cap Trim

Cap Mould

Size, $1\frac{1}{2} \times 2\frac{1}{2}$ inches.
Shipping weight, per 100 feet, about 40 pounds.
Prices, per 100 feet, in mixed lengths, 8 to 16 feet.
278X810—Cap Mould, Yellow Pine**\$1.39**
278X811—Cap Mould, Fir.....**\$2.08**
278X812—Cap Mould, Oak.....**\$4.65**

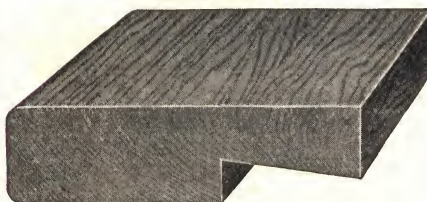
Head Casing

Size, $\frac{3}{4} \times 4\frac{1}{4}$ inches
Shipping weight, per 100 feet, about 75 pounds.
Prices per 100 lineal feet, mixed lengths.
278X814—Head Casing, Yellow Pine**\$1.90**
278X815—Head Casing, Fir.....**\$2.09**
278X816—Head Casing, Oak.....**\$4.25**

Fillet

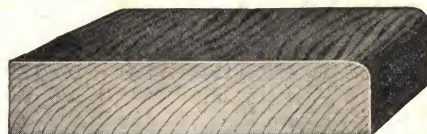
Size, $\frac{7}{8} \times 1$ inch.
Weight, per 100 lineal feet, about 20 pounds.
Prices per 100 lineal feet, mixed lengths.
278X818—Fillet, Yellow Pine.....**\$0.37**
278X819—Fillet, Fir.....**41**
278X820—Fillet, Oak.....**.75**
Shipped from factory in Iowa.

Window Stool



Size, $1\frac{1}{2} \times 3\frac{3}{4}$ inches.
Price, per 100 lineal feet, in mixed lengths.
278X830—Yellow Pine**\$2.30**
278X831—Fir.....**2.53**
278X832—Oak.....**5.60**
Shipped from factory in Iowa.
Shipping weight, per 100 feet, about 85 pounds.

Window Apron



Size, $\frac{3}{4} \times 3\frac{3}{4}$ inches.
Prices, per 100 lineal feet, in mixed lengths, 8 to 16 feet.
278X833—Yellow Pine**\$1.59**
278X834—Fir.....**1.78**
278X835—Oak.....**3.44**
Shipped from factory in Iowa.
Shipping weight, per 100 feet, about 70 pounds.

Highest Quality Interior Trim

Base Blocks



Price of Corner Blocks

Can easily be trimmed to smaller sizes if desired.

278X871—Yellow Pine only
 $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$ 2c each
 $4\frac{3}{4} \times 4\frac{3}{4} \times 1\frac{1}{2}$ 2c each
 Shipping weight, each, $\frac{1}{2}$ pound.

Price of Base Blocks

Size	Yellow Pine 278X868	Fir 278X869	Oak 278X870
$4\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$	4c each	4 $\frac{1}{2}$ c each	6c each
$4\frac{3}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$	4c each	4 $\frac{1}{2}$ c each	6c each

Shipped from factory in Iowa.
 Shipping weight, each, about $\frac{1}{2}$ pound.

Corner Blocks



Beam Ceiling

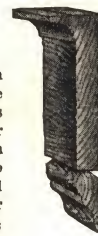


Consists of three square edge members, thickness, $1\frac{1}{16}$ inch, which form the sides and bottom, and two pieces of cove moulding, as illustrated. Drops $4\frac{1}{2}$ inches from the ceiling and furnished in two widths, listed below. Weight, per foot, about 4 pounds. Prices complete, per lineal foot.

278X912—Clear Yellow Pine.
 Width, 13 inches 12c
278X913—Clear Yellow Pine.
 Width, 6 inches 8c
278X914—Clear Red Oak.
 Width, 13 inches 22c
278X915—Clear Red Oak.
 Width, 6 inches 15c

Shipped from factory in Iowa.

Wall Cornice



Used with beam ceiling along the side wall. Consists of 1 square member $13\frac{1}{16} \times 4\frac{1}{2}$ inches, with cove mould at top and picture mould below. Weight, per foot, about 1 $\frac{1}{2}$ pounds. Price, complete, per lineal foot.

278X918—Clear Yellow Pine 4c
278X919—Clear Red Oak 8c

Shipped from factory in Iowa.

Corner Beads

Used to finish corner of a wall.

Flat or Mission Beads

Size, $1\frac{1}{2} \times 1\frac{1}{2}$ inches x 4 feet.

278X886—Clear Oak.
 Each 18c

Round Turned Corner Bead

Size, 1 $\frac{1}{2}$ inches x 4 feet.

278X887—Yellow Pine, Each 8c

278X888—Oak, Each 12c

Shipped from factory in Iowa.

Weight of corner beads, about 1 pound each.

Base Corners

Not necessary to miter the baseboard to make a joint when Base Corner is used.

Size, $1\frac{1}{2} \times 14$ inches.

278X890—Yellow Pine.
 Price, each 2c
 Per crate of 25 45c

278X891—Oak.
 Price, each 4c
 Per crate of 25 70c

Shipped from factory in Iowa.
 Shipping weight, per crate, about 10 pounds.

Cove Mold

Prices, per 100 lineal feet, in mixed lengths.

Weight, about 25 pounds.

Size Inches	Yellow Pine 278X882	Oak 278X884
$\frac{3}{4} \times \frac{7}{8}$	33c	75c
$\frac{3}{4} \times 1\frac{1}{2}$	41c	.....

Shipped from factory in Iowa.

Hardwood Thresholds

Size, $\frac{3}{4} \times 3\frac{3}{4}$ inches x 3 feet.

278X899—Each 5c
 Per bundle of 10 48c

Shipped from factory in Iowa.
 Weight, per bundle of 10, about 8 pounds.

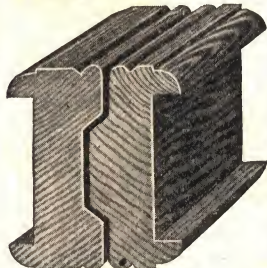
Door and Window Stop

Prices per 100 lineal feet, in mixed lengths.
 Average weight, about 12 pounds.

Size Inches	Yellow Pine 278X874	White Pine 278X875	Oak 278X876
$\frac{3}{4} \times 1\frac{1}{2}$	33c	.....	.....
$\frac{3}{4} \times 1\frac{1}{2}$	37c	\$0.45	.....
$\frac{3}{4} \times 1\frac{1}{2}$	49c	.....	.....
$1\frac{1}{2} \times 1\frac{1}{2}$	36c	.45	.....
$1\frac{1}{2} \times 1\frac{1}{2}$	40c	.50	.....
$1\frac{1}{2} \times 1\frac{1}{2}$	56c	.66	\$1.12

Shipped from factory in Iowa.

Sliding Door Astragals



278X893—Yellow Pine (per pair) 50c
278X894—Red Oak (per pair) 90c
278X895—Yellow Pine (each) 40c
278X896—Red Oak (each) 80c

Shipped from factory in Iowa.

Folding Door Astragals



Astragals furnished in 8 foot lengths only and can be cut down to fit door. For 1 $\frac{3}{4}$ -inch and 1 $\frac{1}{2}$ -inch doors. State thickness of door when ordering. Sliding door astragals consist of two parts, and are placed on edge of double doors to make a tight joint when doors are closed. Folding door astragal is used with double folding doors. It is nailed on one door to form a shoulder against which the other door can swing.

Weight, per length, about 6 pounds.

Combination Wainscot and Plate Rail

Consists of three main parts. At the top is the Plate Rail, which is made of three parts. Projects out from wall $3\frac{1}{2}$ inches; width on wall, 2 $\frac{1}{2}$ inches.

The vertical strip is the panel strip. Width, 1 $\frac{1}{2}$ inches; thickness, $\frac{3}{4}$ inch.

Base consists of 4 parts. Height, complete, 8 inches. Weight, per foot, 3 pounds.

Prices, per lineal foot
278X922—Yellow Pine Plate Rail \$0.07
278X923—Oak Plate Rail12
278X924—Yellow Pine Panel Strip02 $\frac{1}{2}$
278X925—Oak Panel Strip05
278X926—Yellow Pine Base06
278X927—Oak Base10

Shipped from factory in Iowa.

IMPORTANT—Send us a sketch of your room, showing the dimensions and as nearly as possible the location of the doors and windows; also how high you want the plate rail, and we will tell you just what it will cost.

Plate Rail

A Pleasing Design that is Very Popular



Made up of two members or parts. Shipped set up, ready to put on the wall. Prices include both parts. Projects from wall $3\frac{1}{2}$ inches. Width on wall, 2 $\frac{1}{2}$ inches. Furnished in Yellow Pine or Oak.

Prices, per lineal foot, in mixed lengths.

278X880—Clear Yellow Pine 4c
278X881—Clear Plain Red Oak 7c

Shipped from factory in Iowa.

If ordered in specified lengths add $\frac{1}{2}$ cent per foot to these prices.
 Shipping weight, about 1 pound per foot.

Quarter Round

Prices per 100 lineal feet in Mixed lengths, from 8 to 16 feet. Weight, about 20 pounds.

Size Inches	Yellow Pine 278X847	White Pine 278X861
$\frac{3}{4} \times \frac{5}{8}$	30c	40c
$\frac{3}{4} \times \frac{3}{4}$	30c	40c

Size Inches	Fir 278X862	Oak 278X863
$\frac{3}{4} \times \frac{3}{4}$	33c	75c

Shipped from factory in Iowa.

Wainscot Cap



Size, $\frac{3}{4} \times 2\frac{3}{4}$ inches. Used to finish the top of a wainscoting. Rabbeted to fit either $\frac{3}{4}$ -inch or $\frac{1}{2}$ -inch wainscoting. State which is wanted when ordering.
278X898—Clear Yellow Pine. Per 100 lineal feet, in mixed lengths \$1.16
 Shipped from factory in Iowa.
 Weight, about 30 pounds.

Picture Mold

Size, $\frac{3}{4} \times 1\frac{1}{4}$ inches.

Per 100 lineal feet, in mixed lengths.

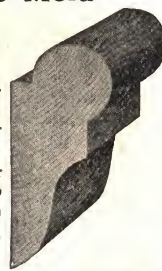
278X866—Clear Yellow Pine 70c

278X865—Clear White Pine 82c

278X867—Clear Red Oak \$1.50

Shipped from factory in Iowa.

Weight, about 20 pounds.



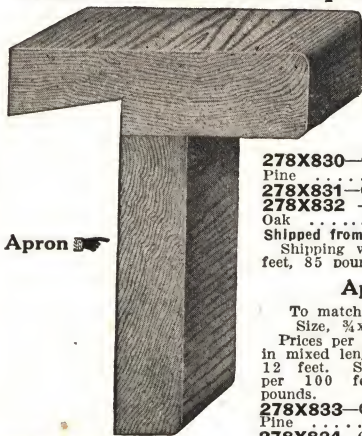
What is more attractive than an up-to-date stairway?

Montgomery Ward & Co.

35

Mission and Craftsman Trim

Window Stool and Apron Stool



Stool

Size, 1½x3½ inches.
Prices per 100 feet in mixed lengths, from 8 to 12 feet.

278X830—Clear Yellow Pine\$2.31
278X831—Clear Fir 2.53
278X832—Clear Red Oak\$5.60
Shipped from factory in Iowa
Shipping weight, per 100 feet, 85 pounds.

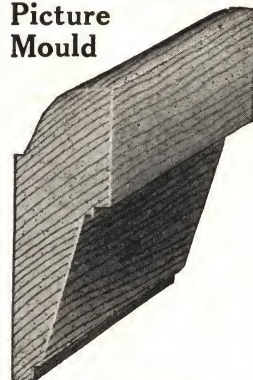
Apron

To match stool above.
Size, ¾x3¾ inches.
Prices per 100 lineal feet, in mixed lengths, from 8 to 12 feet. Shipping weight, per 100 feet, about 70 pounds.

278X833—Clear Yellow Pine\$1.59
278X834—Clear Fir 1.75
.....\$3.44

278X835—Clear Oak
Shipped from factory in Iowa

Picture Mould

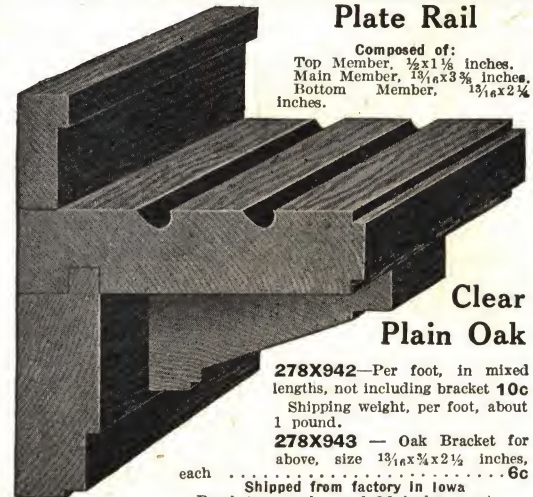


Size, ¾x2½ inches.
Per 100 lineal feet in mixed lengths.

Shipping weight, about 40 pounds.
278X940—Clear Plain Oak\$2.32
Shipped from factory in Iowa

Plate Rail

Composed of:
Top Member, ½x1½ inches.
Main Member, 1¾x3¾ inches.
Bottom Member, 1½x2½ inches.



Clear Plain Oak

278X942—Per foot, in mixed lengths, not including bracket 10c
Shipping weight, per foot, about 1 pound.

278X943—Oak Bracket for above, size 1¾x¾x2½ inches, each6c
Shipped from factory in Iowa
Brackets must be used 32 inches apart.

3-Member Base

Composed of Back Band, Base and Carpet Strip.

Back Band

Size, 1½x1½ inches.
Price, per 100 lineal feet in mixed lengths, 8 to 12 feet.

278X945—Clear Fir \$1.10
278X946—Clear Red Oak\$1.90

Shipping weight, per 100 feet, about 30 pounds.

Base

Size, ¾x7 inches.
Prices, per 100 lineal feet in mixed lengths, 8 to 12 feet.

278X947—Clear Fir \$3.58
278X948—Clear Plain Red Oak\$6.38

Shipping weight, per 100 feet, about 150 pounds.

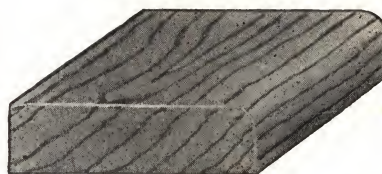
May be used as a 2-member base, leaving off the Back Band.

Carpet Strip

Size, ½x¾ inches.
Prices per 100 feet in mixed lengths, from 8 to 12 feet. Shipping weight, per 100 feet, about 10 pounds.

278X808—Clear Fir\$0.36
278X809—Clear Plain Red Oak76
Shipped from factory in Iowa

Door and Window Stop



Prices per 100 feet in mixed lengths

278X964—Clear Y. P. ½x1½ in. \$0.55
278X965—Clear Y. P. ½x1½ in. \$0.80

Weight, about 20 pounds per 100 feet.

278X966—Clear Fir, ½x1½ inches\$0.60
278X967—Clear Plain Oak, ½x1½ inches. 1.10
278X968—Clear Plain Oak, ½x1½ inches. 1.50

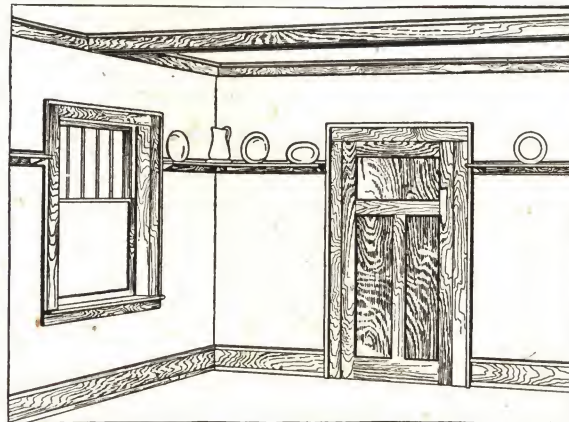


Illustration showing Craftsman Trim with Craftsman Door and Beamed Ceiling.

Mission Head Casing



Size, 1½ x 5½ inches.

Used with Bungalow Side Casing, where a very simple window or door trim is desired, or may be used with any of the casings shown on page 34.

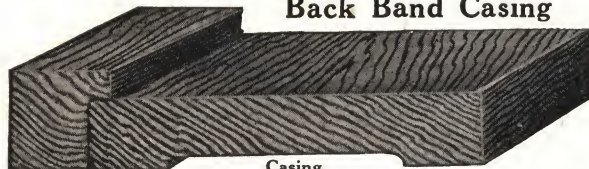
Shipping weight, per 100 feet, about 155 pounds.

Prices, per 100 feet in mixed lengths, 8 to 16 feet.

278X970—Clear Fir\$4.15
278X971—Clear Plain Red Oak\$8.08

Shipped from factory in Iowa

Back Band Casing



Back Band

Consists of Casing and Back Band. Is used for both head and side casing, to give the real craftsman finish. Per 100 lineal feet in mixed lengths, 8 to 16 feet. Shipping weight, complete, including back band, about 110 pounds.

278X945—Back Band. Clear Fir. Size, 1½x1½ inches\$1.10
278X973—Casing. Clear Fir. Size, ¾x3¾ inches1.70
278X946—Back Band. Clear Oak. Size, 1½x1½ inches1.90
278X974—Casing. Clear Oak. Size, ¾x3¾ inches3.30

Shipped from factory in Iowa

Special Casing



Size, ¾x4¼ inches.

Price, per 100 lineal feet, in mixed lengths, 8 to 16 feet.

278X842—Fir\$2.04
Shipped from factory in Iowa.

Shipping weight, per 100 feet, about 75 pounds.

Highest Grade Stair Material

Suggestions for Building Stairs



The illustrations on this page are for the purpose of suggesting what can be done with our high grade stair material. In the past it has been claimed that it was impossible to build stairs properly out of stock material, but the experience of our customers has proven differently.

Our stair material is made in one of the most modern and well equipped factories, in large quantities so that the cost is reduced to the lowest possible point. On account of the fact that

practically every stair differs in size, we do not attempt to sell complete sets of stairs, cut and fit ready to put together. All cutting and fitting must be done on the job by the carpenters. This is a simple matter, and when our low prices are taken into consideration, together with the high quality of the material itself, you will find that our method of furnishing stair material will mean a very decided saving, often as much as \$50.00 on a stairway.

An average stairs consists of the following material. Prices are for Yellow Pine.

278X1092—14 Treads. Price, each.....	\$0.39	\$5.46
278X1097—16 Risers. Price, each.....	.19	3.04
278X1174—1 Starting Tread. Each.....	2.95	2.95
278X1072—1 Starting Newel. Each.....	2.70	2.70
278X1082—2 Angle Newels. Each.....	1.60	3.20
278X1087—13 Balusters. Length, 28 inches. Each.	.10	1.30
278X1087—13 Balusters. Length, 32 inches. Each.	.10	1.30
278X1193—34 feet of String Board. Per foot.....	.07	2.38
178X1164—16 feet Stair Rail. Per foot.....	.12	1.92

Total \$24.25

Remember this is meant as a suggestion to give an idea of the cost. Design shown above can be built with above items, using angle and landing newel as listed, not as shown.

Mission Stairs

Illustration at right shows a special Mission Stair. The material shown in illustration consists of the following:

MISSION STAIR NEWEL, 278X1018

Furnished in Clear Red Oak, as illustrated. Size of shaft, 6½x6½ inches. Height over all, 4 feet. Shipping weight, about 35 pounds.

278X1018—Mission Starting Newel. Price, each..... \$3.98

MISSION STARTING STEP AND RISER, 278X1020

Furnished in Clear Red Oak, made according to the Mission style, as illustrated. For the standard width stairs, which is 3 feet 5 inches. Weight, about 45 pounds. When ordering be sure to state whether you want the octagon end at the right end or the left end as you go up the stairs.

278X1020—Mission Starting Step and Riser. Each..... \$3.24

MISSION STAIR BALUSTERS, 278X1022

Special Mission designs as illustrated. Furnished in Clear Red Oak, full length, not cut, as shown in illustration. Width, 3½ inches; length, 32 inches; thickness, 13/16 inch.

278X1022—Mission Stair Balusters, each 20c; per carton of 20..... \$3.74
Weight per carton of 20, about 50 pounds.

FACE STRING ORNAMENTS, 278X1024

The small key and wedge shaped ornaments placed on the string board, even with the line of the stair steps, one ornament to every four balusters. Clear Red Oak. Weight, about 2 ounces.

278X1024—Price, each 25c

MISSION STAIR RAIL, 278X1170

This stair rail is fully illustrated and described on page 39.

FOOT RAIL NO. 278X1026

Clear Oak. Size, 1½x2¾ inches. Sets on top of string and is plowed or grooved to receive the balusters. Weight, per foot, about 2 pounds.

278X1026—Per lineal foot 4c

FACE STRING, 278X1028

Furnished in Clear Red Oak in lengths of 10, 12 or 14 feet. Width, 11¼ inches; thickness, 13/16 inch. Dressed on two sides, and smoothed on one side. Weight, per foot, about 4 pounds.

278X1028—Face String, per lineal foot..... 17c

SUB FILLET AND FILLET

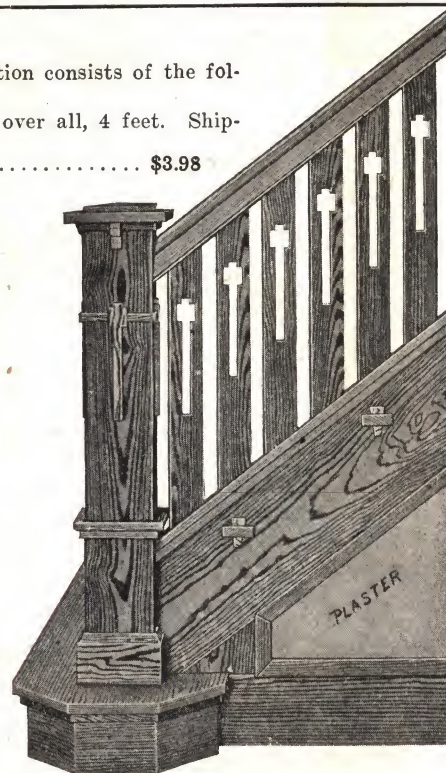
Sub-Fillet used to make the groove in the stair rail the proper size to receive the balusters. Width, 1¼ inches; thickness, ¾ inch.

278X1032—Sub-Fillet, Clear Oak, per lineal foot..... 1¼c

Fillet for above sub-fillet; width, 13/16 inch; thickness, ½ inch. Clear Red Oak.

278X1034—Fillet for sub-fillet, per lineal foot..... 1c

Weight of Sub-Fillet and Fillet, about 10 pounds per 100 feet.



All Stair Work on this Page
Shipped from Factory in Iowa

Highest Quality Stair Material

Starting Newels

Highest grade material, one inch thick, thoroughly kiln-dried. Workmanship the best. Hand smoothed. Made with lock joint. Correctly proportioned. Suitable for open or closed string board.

Stair Newel



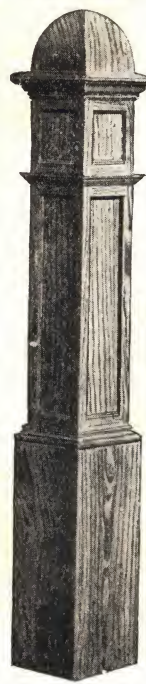
Stair Newel



Mission Stair Newel



Stair Newel



Angle Newels

Same high quality as the starting newels. Furnished with loose, carved, wood ornament for bottom.

Angle Newel



Mission Angle Newel



Size of base, 8x8 inches.
Height of base, 20 inches.
Size of shaft, 6x6 inches.
Height over all, 4 feet.
Weight, about 25 pounds.
278X1075—Clear Yellow Pine\$2.57
278X1076—Clear Fir 2.82
178X1077—Clear Red Oak 2.96

Size of base, 8x8 inches.
Height of base, 20 inches.
Size of shaft, 6x6 inches.
Height over all, 4 feet.
Weight, about 26 pounds.
278X1078—Clear Yellow Pine\$2.85
278X1079—Clear Red Oak 3.14

Size of base, 8x8 inches.
Height of base, 20 inches.
Size of shaft, 6x6 inches.
Height over all, 4 feet.
Weight, about 26 pounds.
278X1081—Clear Red Oak\$3.44

Size of base, 8x8 inches.
Height of base, 20 inches.
Size of shaft, 6x6 inches.
Height over all, 4 feet.
Weight, about 26 pounds.
278X1072—Clear Yellow Pine\$2.70
278X1073—Clear Red Oak 3.15

Size of shaft, 5x5 inches.
Height over all, 5 feet 6 inches.
Weight, about 24 pounds.
278X1082—Clear Yellow Pine\$1.60
278X1083—Clear Fir 1.76
278X1084—Clear Red Oak 1.85

Size of shaft, 5x5 inches.
Height over all, 5 feet 6 inches.
Weight, about 25 pounds.
278X1086—Clear Red Oak\$1.84

Turned Stair Balusters



Size, 1 1/2 x 1 1/2 inches.
Lengths, 28 inches or 32 inches.
In ordering be sure to give length desired.
278X1087—Yellow Pine. Price, each10c
Per carton of 25\$2.40
278X1088—Oak. Price, each11c
Per carton of 25\$2.70
Weight, per carton, about 40 pounds.

Square Balusters



Size, 1 1/2 x 1 1/2 inches.
Length, 34 inches.
May be used with stair rail Nos. 278X1164 or 278X1170 by ordering fillet and subfillet on page 39.
278X1089—Clear Yellow Pine. Price, each4c
Per carton of 2595c
278X1090—Clear Fir. Price, each4c
Per carton of 2595c
278X1091—Clear Oak. Price, each6c
Per carton of 25\$1.40
Weight, per carton, about 25 pounds.

Stair Treads and Risers

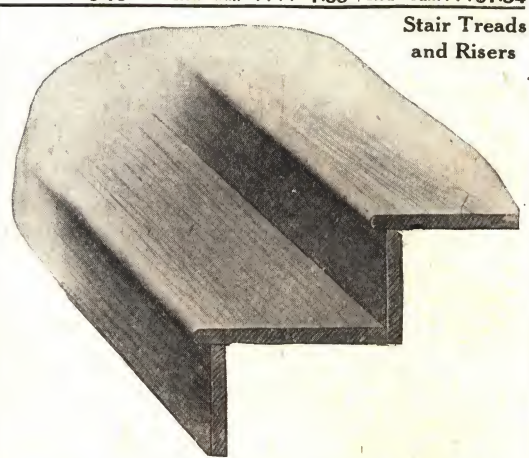
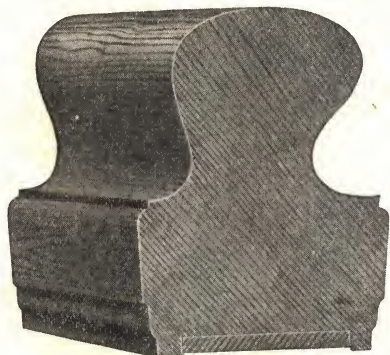


Illustration shows position of treads and risers in the stairs. Tread forms the step, riser forms the upright. Width of Tread, 11 1/2 inches; length, 3 feet 5 inches; thickness, 1 1/4 inches. One edge is half round, both sides are dressed, and one side is smoothed. Weight, about 12 pounds. Width of Risers, 7 3/4 inches; length, 3 feet 5 inches; thickness, 1 3/8 inch. Dressed two sides and smoothed one side. Weight, about 6 pounds. Our Fir Treads and Risers are made of edge grain Fir, which gives greatest strength.
278X1092—Treads, Clear Yellow Pine. Each39c
278X1093—Treads, Clear Edge Grain Fir. Each43c
278X1097—Treads, Clear Red Oak. Each58c
278X1098—Risers, Clear Yellow Pine. Each19c
278X1099—Risers, Clear Edge Grain Fir. Each21c
278X1100—Risers, Clear Oak. Each25c

All Stair Material on this Page Shipped from Factory in Iowa

Highest Quality Stair Material



Stair Rail

Size, $2\frac{1}{2} \times 3\frac{1}{2}$ inches
Weight, per foot, about 3 pounds
278X1164—Clear Yellow Pine. Per foot...12c
278X1165—Clear Fir. Per foot...13c
278X1166—Clear Oak. Per foot...14c
Shipped from factory in Iowa
Prices do not include fillet.
For specified even lengths, add 2c per foot extra.



Stair Rail

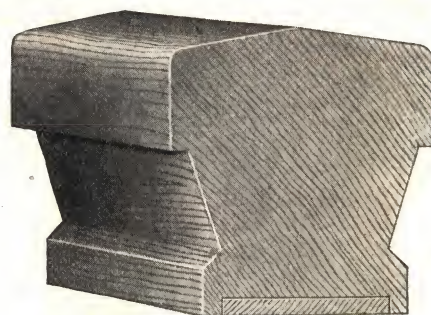
Size, $3\frac{1}{2} \times 1\frac{1}{2}$ inches
Weight, per foot, about 2 pounds
278X1160—Clear Yellow Pine. Per foot...6c
278X1161—Clear Oak. Per foot...8c
Shipped from factory in Iowa
For specified even lengths, add 1c per foot extra.

Amherst Junction, Wis.

Montgomery Ward & Co.

Gentlemen: I am well pleased with the Building Material I ordered from your firm for my new house. I ordered all the casings, mouldings, in fact, all the finishing lumber for my house, also the varnish and most of the hardware of you and saved at least 25 per cent on the deal, so it is a pleasure for me to speak a good word for Montgomery Ward & Co. Their goods are always as represented in catalogue. Thanking you for your past favors, I remain,

Chester M. Roe.



Mission Stair Rail

Size, $2\frac{1}{2} \times 3$ inches
Weight, per foot, about 2 pounds
278X1170—Clear Oak. Per foot...15c
Shipped from factory in Iowa
For specified even lengths, add 2c per foot extra.



Starting Step and Riser with Half Circle End. Standard Construction throughout, for stairs 3 feet 5 inches wide or less. Weight, about 40 pounds.

In ordering be sure to state whether you want circle at right or left end as you go up the stairs.

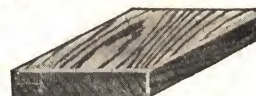
278X1174—Clear Yellow Pine. Each\$2.85
278X1175—Clear Fir. Each2.95
278X1176—Clear Oak. Each3.15
Shipped from factory in Iowa

Sub Fillet and Fillet



Sub Fillet

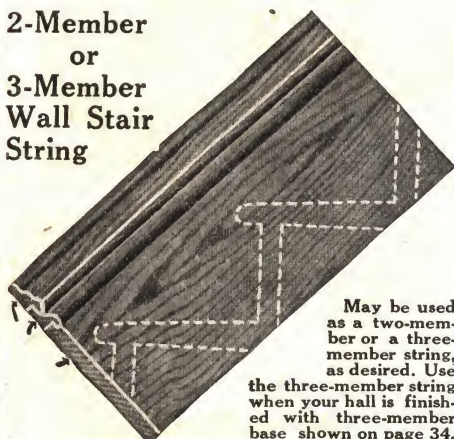
Sub Fillet. Width, $1\frac{1}{4}$ inches; thickness, $\frac{3}{8}$ -inch. Plowed $1\frac{1}{2}$ -inch wide and $\frac{3}{8}$ -inch deep, to receive our square balusters No. 278X1089, page 38. Weight, per 100 feet, including fillet, about 8 pounds.
278X1180—Sub Fillet, Yellow Pine. Per foot1c
278X1181—Sub Fillet, Oak. Per foot1 $\frac{1}{4}$ c
Shipped from factory in Iowa



Fillet

Width, $1\frac{1}{4}$ inches; thickness, $\frac{1}{4}$ -inch
Used with Sub fillet in connection with square balusters, page 38.
278X1183—Fillet, Yellow Pine. Per foot $\frac{3}{4}$ c
278X1184—Fillet, Oak. Per foot1c

2-Member or 3-Member Wall Stair String



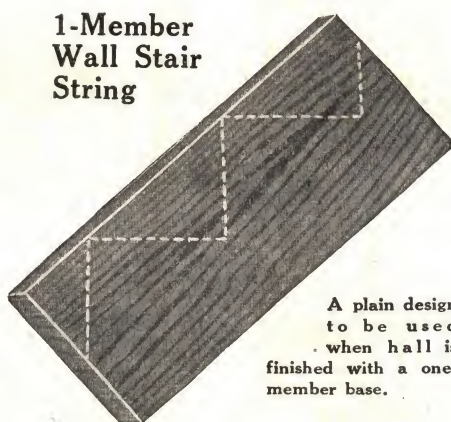
May be used as a two-member or a three-member string, as desired. Use the three-member string when your hall is finished with three-member base shown on page 34.

Consists of: Stair string, thickness, $1\frac{3}{4}$ -inch; width, $9\frac{1}{2}$ inches; rabbetted on the edge to receive the Extension Moulding. Extension Moulding, the middle member shown above. Size, $\frac{3}{4} \times 1\frac{1}{2}$ inches. Base Mould, No. 278X801, fully described on page 34. Base Mould may be omitted, making a two-member string.

Prices of String and Extension Moulding
278X1186—String, Clear Yellow Pine. Per lineal foot... 6 $\frac{1}{2}$ c
278X1187—String, Clear Oak. Per lineal foot...11c
278X1188—Extension Mould, Clear Yellow Pine. Per lineal foot... 1 $\frac{1}{2}$ c
278X1190—Extension Mould, Clear Oak. Per lineal foot... 2c
Shipped from factory in Iowa

For prices of Base Mould, see page 34.
Weight of 3-Member string complete, per foot, about $3\frac{1}{2}$ pounds.

1-Member Wall Stair String

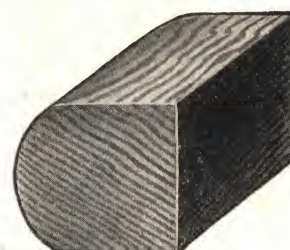


A plain design to be used when hall is finished with a one-member base.

Square Edges
Width, $11\frac{1}{4}$ inches; thickness, $1\frac{3}{4}$ -inch
Weight, per foot, about $2\frac{1}{2}$ pounds
278X1193—Yellow Pine. Per lineal foot... 7c
278X1194—Oak. Per lineal foot...12c
Shipped from factory in Iowa

Note: The dotted lines in the above illustrations indicate the tread and riser lines. Since the stairs in each building are different from practically every other set of stairs, we do not cut the string for the treads and risers, and this must be done on the job by the carpenter.

Return Nosing



Size, $1\frac{1}{2} \times 1\frac{1}{4}$ inches
Weight, per lineal foot, about 1 pound
278X1196—Clear Yellow Pine. Per lineal foot...2c
278X1197—Clear Oak. Per lineal foot...3c
Shipped from factory in Iowa

Stair Landing Steps



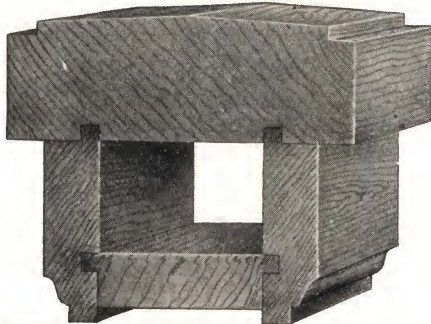
For forming the landing step of stair platforms and second story landings. Width, $3\frac{1}{4}$ inches; length, 3 feet 5 inches; thickness at outer edge, $1\frac{1}{2}$ inches. Rabbetted to $\frac{3}{4}$ -inch thick at inner edge so as to finish level with floor. Weight, each, about 2 pounds.
278X1217—Clear Yellow Pine. Each...15c
278X1218—Clear Oak. Each...25c
Shipped from factory in Iowa

A handsome entrance wonderfully improves the appearance of a house

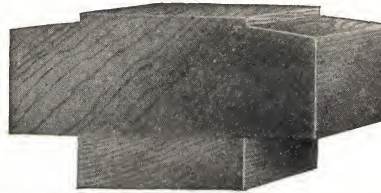
Montgomery Ward & Co.

Porch Material—Outside Mouldings

Mission Porch Rail



278X1274—Top Rail. Width, 4½ inches. Thickness, 4½ inches. Made of clear fir. Shipped knocked down. Weight, per foot, about 3 pounds.
278X1274—Top Rail. Per foot.....**.8c**



278X1275—Bottom Rail. Width, 4½ inches; thickness, 2½ inches. Made of clear fir. Shipped knocked down. Weight, per foot, about 2 pounds.

273X1275—Bottom Rail. Per foot.....**.5c**

Porch Rail



278X1292—Top Rail. Size, 3½ x 1½ inches. Clear Fir. Weight, per foot, about 1 pound.

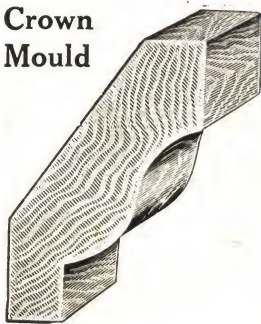
278X1292—Top Rail. Per foot.....**3½c**



278X1293—Bottom Rail. Size, 3½ x 1½ inches. Clear Fir.

278X1293—Bottom Rail. Per foot.....**3½c**
 Weight, per foot, about 1 pound.

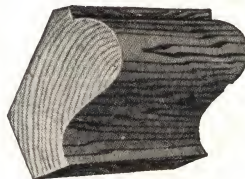
Crown Mould



White Pine. Weight, about 35 pounds
278X1267
 Per 100 lineal feet

Size, inches	Prices
¾ x 1 ¾	\$0.82
¾ x 2 ¼	1.03
¾ x 3 ¼	1.44
¾ x 3 ¾	1.64

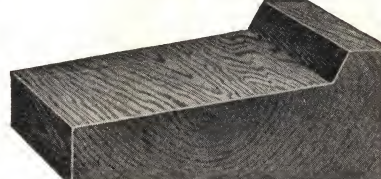
Bed Mould



White Pine. Weight, about 30 pounds
278X1272
 Per 100 lineal feet

Size, inches	Prices
¾ x 1 ¾	\$0.82
¾ x 2	.93
¾ x 2 ¼	1.03

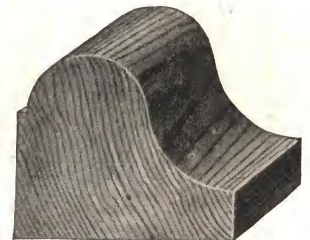
Drip Cap



White Pine
 Weight, per 100 feet, about 35 pounds
278X1278
 Per 100 lineal feet

Size, inches	Prices
1 ½ x 2	\$1.54
1 ½ x 2 ½	1.87
1 ½ x 3	2.21

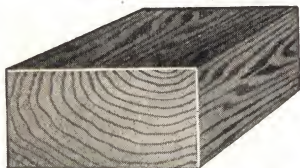
Bed or Brick Mould



Clear White Pine
 Weight, about 30 pounds
 Size, 1 ½ x 1 ¾ inches

278X1280—Per 100 feet.....**\$1.35**

Blind Stop



White Pine. Weight, 20 pounds
278X1281—Size, ¾ x 1 ¾ inches
 Per 100 lineal feet.....**.62c**

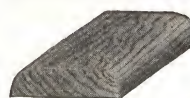
Parting Stop



Size, ½ x 13/16 inch
 Weight, about 10 pounds
 Prices per 100 lineal feet

278X1282—White Pine...**\$0.39**
278X1283—Yellow Pine...**.34**

Screen Mould



Clear soft wood. Size, 5/16 x 5/8 inches. Used on screen doors and windows to hold the wire and cover the edges.

Weight, about 6 pounds

278X1284—Per 100 lineal feet.....**.30c**

Lattice



White Pine. Weight, about 15 pounds
278X1290—Per 100 lineal feet

Size, inches	Prices
5/16 x 1 ¾	\$0.39
5/16 x 1 ¾	.45

Brackets



Face Bracket
 Weight, each, 2 pounds
278X1286
 Width, 7 inches.
 Height, 22 inches.
 Thickness, 1 ½ inches.
 Price, each.....**.21c**



Gable Bracket
 Weight, each, 4 pounds
278X1287
 Width, 14 inches.
 Height, 18 inches.
 Thickness, 3 ½ inches.
 Price, each.....**.50c**

Fancy Porch Brackets



Average weight, each, about 1 pound

278X1288

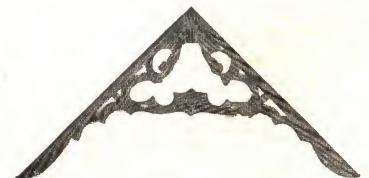
Size, inches	Price, each
10x12	.7c
12x14	.8c



278X1289

Size, inches	Price, each
10x12	.7½c
12x14	.8½c

Adjustable Gable Ornaments



Adjustable Gable Ornaments. Will fit any pitch roof. Thickness 1 ½ inch. Extends down gable, 4 feet

Weight, per crate, 40 pounds

278X1297—Price, each.....**\$0.85**
 Per crate of 3.....**2.45**

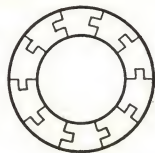
Porch Columns—Newels—Balusters



Colonial Built-Up Porch Column
278X1364
Cypress.
With Plain Wood Cap.



Colonial Built-Up Porch Column
278X1365
Cypress.
With Composition Cap.



Colonial Lock Joint Built-up Columns

Made of Cypress, called
"the Wood Eternal"

No other wood will stand the elements like Cypress. Solid or bored columns will check or crack, but our columns are built up of staves with the celebrated lock joint illustrated above, which allows for contraction and expansion.

Columns 278X1364 and 278X1365 should be used with Newel 278X1372 and Porch Rail 278X1292 on page 40. The square columns 278X1376 should go with the square Newel 278X1374 and Mission Rail 278X1274. Turned Porch Post 278X1380 should be used with Newel 278X1388 and Rail 278X1292.

Important—As soon as Colonial Columns are received they should be given a priming coat to keep out dampness.



Colonial Porch Newel
Cypress, Built-Up.
Diameter, 8 inches.
Height, 4 feet.
Weight, about 27 pounds.
278X1372
Price, each,**\$1.41**



Mission Porch Newel
Cypress, Built-Up.
Shaft, 8 inches square.
Height, 4 feet.
Weight, about 25 pounds.
278X1374
Price, each,**\$1.74**



Square Built-Up Porch Columns
278X1376
Cypress.
With plain wood cap.

Turned Porch Post



Porch Post
278X1380
Turned. Fir.
Average weight,
about 30 pounds.

Size, inches	Height, feet	Price
4 x 4	8	\$0.54
4 x 4	9	.65
5 x 5	8	.86
5 x 5	9	.99
6 x 6	8	1.25
6 x 6	9	1.40

Prices of Round Colonial Lock-Joint Built-up Columns

Diameter of Shaft at Base, Inches	Height Over All, Feet	With Plain Wood Cap, 278X1364	With Composition Cap, 278X1365	Weight of Columns, Pounds
6	8	\$1.50	\$2.20	33
8	8	1.95	2.65	46
8	9	2.23	2.93	50
10	8	2.60	3.70	62
10	9	2.90	3.90	66
12	10	4.75	6.10	75

Shipped from factory in Iowa.

For dividing or splitting these columns add 10c to the price per column.

Prices of Square Built-up Columns 278X1376

Sizes of Shaft at Base, Inches	Height Over All, Feet	Price, Each, With Plain Wood Cap	Weight, Pounds
8x8	8	\$2.06	42
8x8	9	2.35	46
10x10	8	3.02	54
10x10	10	3.66	66

Shipped from factory in Iowa

Turned Porch Balusters



278X1389
Clear Soft Wood.

Turned Porch Newels

Made of First Quality Fir.
Weight, about 10 pounds.
No. 278X1388

Size, inches	Length, feet	Price, each
4 x 4	4	36c
5 x 5	4	50c

Shipped from factory in Iowa

Iola, Wis.
Montgomery Ward & Co.

Gentlemen:
Have used considerable of your building material lately, and find it entirely satisfactory in every way. It is fully up to grade and at a saving in price from 25 to 100 per cent. I always recommended it to my customers.

Yours respectfully,
Peter M. Johnson.



PRICES OF TURNED PORCH BALUSTERS 278X1389

Average weight, per carton, 20 pounds.		
Size, Inches	Price, each	Price, per carton of 25
1 3/4 x 20	4 1/2c	\$1.00
1 3/4 x 24	4 3/4c	1.04
2 1/4 x 20	7 1/2c	1.76
2 1/4 x 24	8c	1.90

Shipped from factory in Iowa.

Artistic Grills

Furnished only in Oak, Birch, Pine or Cypress, as desired. Made to order to fit any size opening.

Prices given are per lineal foot. Fractions under one-half foot will be figured the same as one-half foot. For instance: A grille measuring 5 feet 3 inches will be charged as 5 feet 6 inches. All grilles measuring under 4 feet will be charged as 4 feet.

Shipping weights. Grilles are very light, weighing only 15 to 20 pounds when packed for shipment. Shipped securely wrapped and crated. **Important:** For made-to-order grilles you should allow at least 10 days for making.

Finish. The term "In the White" used below means in the natural wood without any stain, filler or varnish. The term "Finished" means filled, shellacked and varnished, all ready to set in place. When ordering grilles finished, it is advisable to send us a piece of woodwork showing the finish of the rest of the room it is desired for, so that we can finish the grille to match.

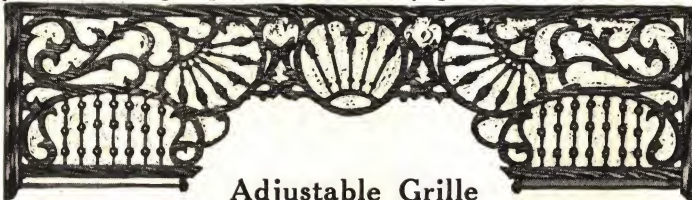
Size of Grilles. In the descriptions below we give the drop of the grille at the end. Be careful not to order a grille that will take too much away from the height of the opening.

Thickness. All grilles are $\frac{3}{8}$ inches thick.

Adjustable Grilles

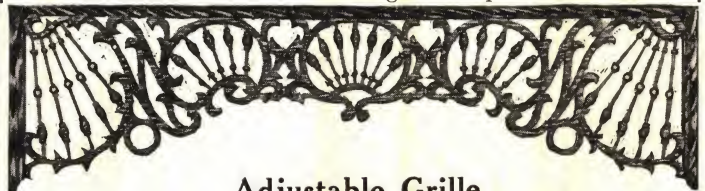
These four patterns are made in three separate sections which are connected by wooden dowels or pins. This eliminates the careful fitting required for stationary grilles and also allows a

certain amount of give or play in case the opening should give or settle after the grille is put in. Anyone who can handle a hammer or screw driver can set our grilles in place.



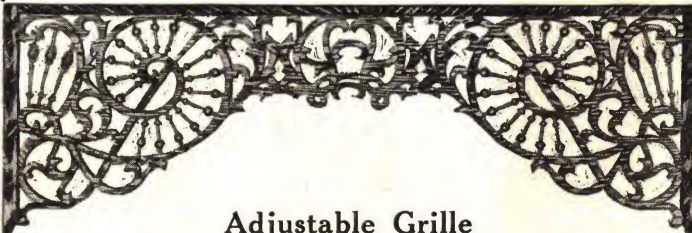
Adjustable Grille

278X1476—In the White. Per lineal foot.....\$0.50
278X1477—Finished. Per lineal foot..... .90
Drops 16 inches at end. When ordering give exact width of opening and state kind of wood wanted.



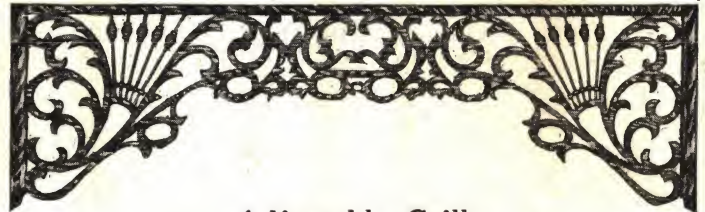
Adjustable Grille

278X1478—In the White. Per lineal foot.....\$0.80
278X1479—Finished. Per lineal foot..... .90
Drops 16 inches at end. When ordering give exact width of opening and state kind of wood wanted.



Adjustable Grille

278X1480—In the White. Per lineal foot.....\$0.94
278X1481—Finished. Per lineal foot..... 1.06
Drops 20 inches at end. When ordering give exact width of opening and state kind of wood wanted.

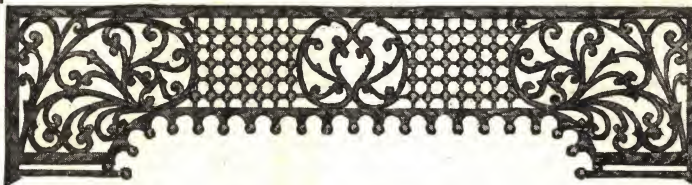


Adjustable Grille

278X1482—In the White. Per lineal foot.....\$0.70
278X1483—Finished. Per lineal foot..... .80
Drops 18 inches at end. When ordering give exact width of opening and state kind of wood wanted.

All Grilles Shipped from Factory in Northern Illinois.

Stationary Grilles—Made in One Solid Piece



Stationary Grille

278X1484—In the White. Per lineal foot.....\$0.85
278X1485—Finished. Per lineal foot..... .95
Drops 16 inches at ends. In ordering be sure to give exact width of opening and state kind of wood wanted.



Stationary Grille

278X1486—In the White. Per lineal foot \$0.97
278X1487—Finished. Per lineal foot... 1.10
Drops 24 inches at ends. In ordering be sure to give exact width of opening and state kind of wood wanted.

Loose End Grilles

Made with loose ends (see picture of 278X1490 below). Can be cut to fit any length. Made in any length desired, but are carried

in stock, in oak, in following sizes: 5-foot, 6-foot and 7-foot, either in the white or finished. Other sizes and woods must be made to order.



Loose End Grille

278X1488—In the White. Per lineal foot.....\$0.59
278X1489—Finished. Per lineal foot..... .68
Drops 14 inches at end. In ordering give width of opening and state kind of wood wanted.



Loose End Grille

278X1490—In the White. Per lineal foot.....\$0.53
278X1491—Finished. Per lineal foot..... .60
Drops 12 inches at end. In ordering give width of opening and state kind of wood wanted.

Highest Grade Colonnades

Woodlawn Colonnade

A plain, simple design that is very popular among our customers.

FURNISHED IN YELLOW PINE OR OAK, in the white (not finished), or filled, shellaced and varnished, as priced below.

PEDESTALS—Size, 7½ by 7½ inches, by 30 inches high.

COLUMNS—Round. Diameter, 6 inches at bottom, tapering to 5 inches at the top.

CAPS—Fancy Composition.

PANEL WORK—Raised Panels. Width in proportion to width of colonnade. When colonnade is 6 feet wide, opening between columns is 3 feet wide.

JAMBS, CASING AND CAP TRIM not included. Must be ordered separately, if wanted.

SHIPPING WEIGHT—Crated, about 200 pounds.

This colonnade is not suitable for an opening less than 6 feet wide. When ordering be sure to give the exact height from floor to face of top jamb, also the width from side jamb to side jamb. Allow from 10 to 15 days for making shipment.

PRICES quoted are for an opening 9 feet high or less. For each additional foot or fraction of a foot in height, add 75c to prices quoted.

278X1656—Yellow Pine, in the white.....	\$19.75
278X1657—Yellow Pine, Finished.....	22.50
278X1658—Oak, in the white.....	19.75
278X1659—Oak, Finished.....	22.50

Shipped from factory in Northern Illinois.

Evanston Colonnade

A more elaborate design than the one shown above. Rich looking, but in perfectly good taste.

FURNISHED IN YELLOW PINE OR OAK, finished or unfinished, as priced below.

PEDESTALS AND PANEL-WORK—Made in one section. Width of panels in proportion to size of colonnade. When colonnade is 6 feet wide, opening between columns is 3 feet wide. Height, 20 inches. Width of shelf, 10 inches. End of shelf is rabbeted to fit around a 5¼ inch jamb.

COLUMNS—Diameter at bottom, 6 inches, tapering to 5 inches at top.

CAPS—Composition.

BEAM BRACKET—Height, 9 inches; face, 5 inches. Width in proportion to width of colonnade.

JAMBS, CASINGS, CAP TRIM AND LIGHTING CLUSTERS not included. Must be ordered separately, if wanted.

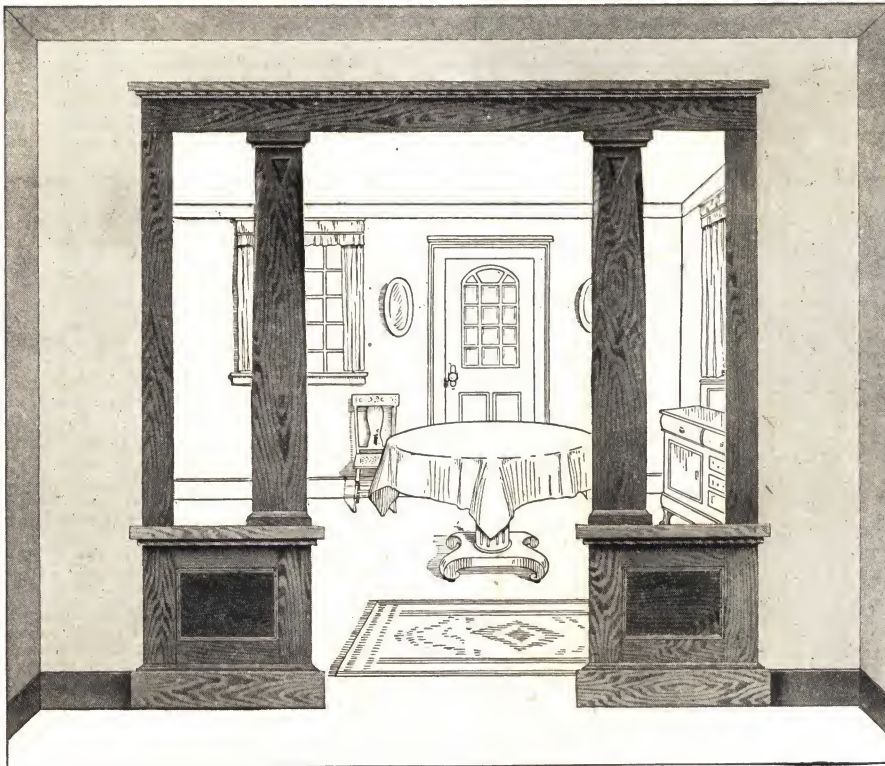
SHIPPING WEIGHT—About 200 pounds. Shipped knocked down and crated. This colonnade is not suitable for openings less than 6 feet wide. In ordering give width of opening between the jambs, the exact height from floor to face of top jamb, and also give width of the jambs. Allow 15 days to make shipment.

Prices are for opening 9 feet high or smaller. For each additional foot or fraction of a foot in height, add 75c to prices quoted.

278X1661—Yellow Pine, in the white.....	\$24.25
278X1662—Yellow Pine, Finished.....	27.00
278X1663—Plain Oak, in the white.....	24.25
278X1664—Plain Oak, Finished.....	27.00

Shipped from factory in Northern Illinois.

Highest Grade Colonnades



Mission Colonnade

A good example of the Mission or Craftsman style, and an exceptionally good value at our prices.

FURNISHED IN OAK ONLY, in the white, not filled or varnished. Should be finished to match the rest of your wood-work.

PEDESTALS AND PANELWORK made in one section. Width, 22 inches. Height, including shelf, 20 inches. Width of shelf, 10 inches. When entire colonnade is 6 feet wide, opening between columns is 3 feet wide.

COLUMNS—Built-up, 6 inches square. Each side at the top is mounted with a triangular wood drop, and the corners are chamfered or beveled, making a pleasing contrast to the squareness of the design.

CAPS—Plain square wood caps.

SHIPPING WEIGHT—Carefully crated in two sections, about 200 pounds.

Not suitable for an opening less than 6 feet wide. In ordering give exact height from floor to face of top jamb; also give the width of the jamb. Allow 15 days for making shipment.

Price quoted below is for Colonnade 9 feet high or less. We can furnish colonnades any height desired above 9 feet at an additional cost of 75c per foot.

278X1668—Mission Colonnade, Oak, in the natural wood, not varnished.....\$14.00
Shipped from factory in Northern Illinois

Colonial Colonnade

Illustration shows composition cap on one side and plain wood cap on the other. Either kind furnished, as priced below.

PANEL WORK AND PEDESTALS—Made in one section. Height, 20 inches. Width, over all, 22 inches. Panels extend from jambs 18 inches. When entire colonnade is 6 feet wide opening between columns is 3 feet wide. Width of shelf, 10 inches.

COLUMNS—Round turned. Diameter at bottom, 6 inches, tapering to 5 inches in diameter at top.

CAPS—Furnished with either fancy composition or plain wood turned caps.

SHIPPING WEIGHT—Columns and pedestals packed separately, about 150 pounds.

CASING, BASE BOARD AND CAP TRIM—Not included in prices. Can be ordered separately if desired.

This Colonnade is not suitable for openings less than 6 feet wide. About 10 days' time required for making shipment.

Prices are for opening 8 feet high. For lower opening the posts can be cut down to fit. For each additional foot or fraction of a foot in height, add 75c to these prices. If wanted filled, shellaced and varnished, add \$3.00 to these prices.

When ordering higher sizes, give size from floor to top jamb.

278X1674—Yellow Pine with Plain Wood Caps\$11.50

278X1675—Yellow Pine with Composition Caps 12.50

278X1676—Oak with Wood Caps..... 12.00

278X1677—Oak with Composition Caps... 14.00

Shipped from factory in Northern Illinois



Highest Grade Colonnades

Popular Colonnade and Grille

A pleasing, popular design. For a medium-priced colonnade it is one of the best values we have ever offered.

WOOD—Furnished in Yellow Pine or Oak, unfinished, or finished in varnish, as priced below.

PEDESTALS AND PANELS—Size of pedestals, 5 x 5 inches. Height, 30 inches. Corners are chamfered or beveled as shown.

Raised Panels—Width of panels in proportion to width of entire colonnade. When colonnade is made 6 feet wide, the width of each pedestal and panel combined is 16 inches, leaving an opening between columns 3 feet 4 inches wide.

COLUMNS—Round turned. Diameter at bottom, 5 inches, tapering to 3½ inches at top.

CAPS—Fancy composition caps.

GRILLE WORK made in three sections. Height above cap, 18 inches.

CASING, CAP TRIM AND JAMBS not included in prices. May be ordered separately from this catalogue.

SHIPPING WEIGHT—About 150 pounds. Shipped knocked down and carefully crated.

This colonnade not suitable for openings less than 6 feet wide. When ordering be sure to give exact width from jamb to jamb, and height from floor to face of top jamb. Allow from 10 to 12 days for making shipment, as this colonnade is made to order to fit opening required.

Prices of Popular Colonnade and Grille

For openings 9 feet high or less. For each additional foot or fraction of a foot in height, add 75c to prices below.

Width up to	Yellow Pine	Yellow Pine	Oak	Oak
	In the White	Finished	In the White	Finished
6 feet	\$17.95	\$21.00	\$17.95	\$21.00
7 feet	18.75	21.50	18.75	21.50
8 feet	19.25	22.00	19.25	22.00
9 feet	20.00	22.75	20.00	22.75
10 feet	21.00	23.75	21.00	23.75

Shipped from factory in Northern Illinois.



Cabinet Colonnade

A design that is out of the ordinary, but is distinctively attractive and rich looking.

WOOD—Furnished in Yellow Pine or Oak, unfinished, or finished in varnish, as priced below.

PEDESTALS AND PANEL WORK—Consists of two pairs of pedestals with panels between. Height, 24 inches. Width, measuring from jambs, 18 inches. When colonnade is 6 feet wide the opening between columns is 3 feet wide.

COLUMNS—Two full round columns and two half columns as shown. Diameter at bottom, 6 inches, tapering to 5 inches at top.

CAPS—Plain turned wood caps.

CASING, CAP TRIM AND JAMBS not included, may be ordered separately if desired.

SHIPPING WEIGHT—About 200 pounds. Shipped knocked down and carefully crated.

This colonnade not suitable for opening less than 6 feet wide. When ordering, be sure to give width from jamb to jamb and exact height from floor to face of top jamb; also give width of jamb. Allow from 10 to 12 days for making shipment.

Prices are for opening 9 feet high or less. For each additional foot or fraction of a foot in height, add 75c to prices given.

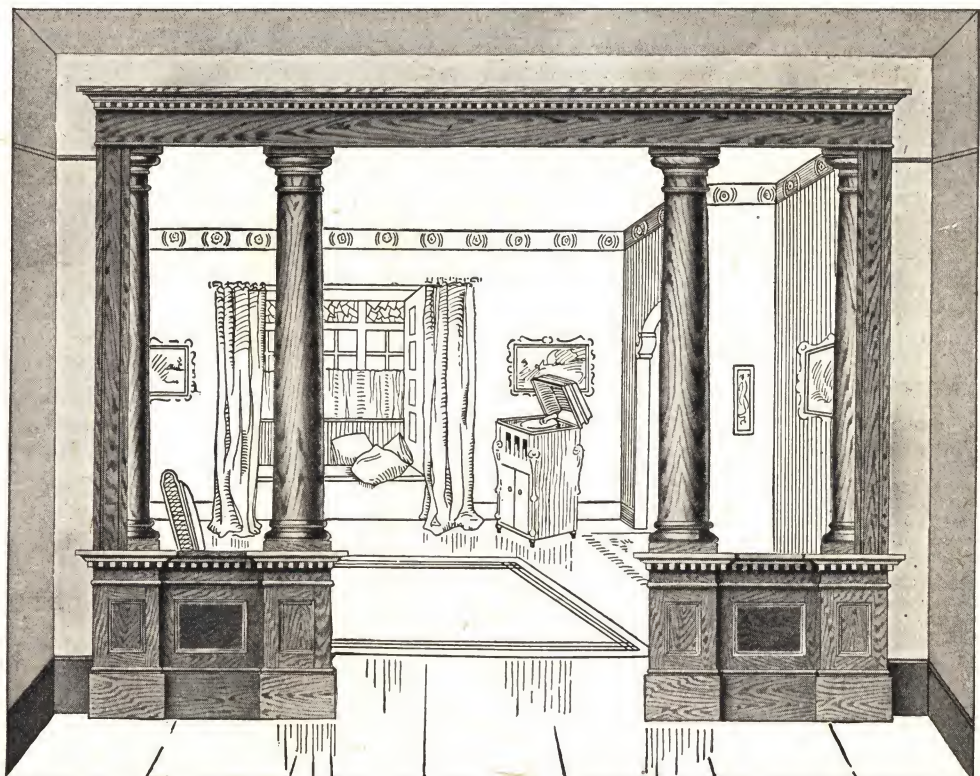
278X1683—Yellow Pine, unfinished \$33.75

278X1684—Yellow Pine, filled, shellacked and varnished 37.75

278X1685—Oak, unfinished 33.75

278X1686—Oak, filled, shellacked and varnished 37.75

Shipped from factory in Northern Illinois.



Don't pay garage rent. See the garages in our Book of Homes

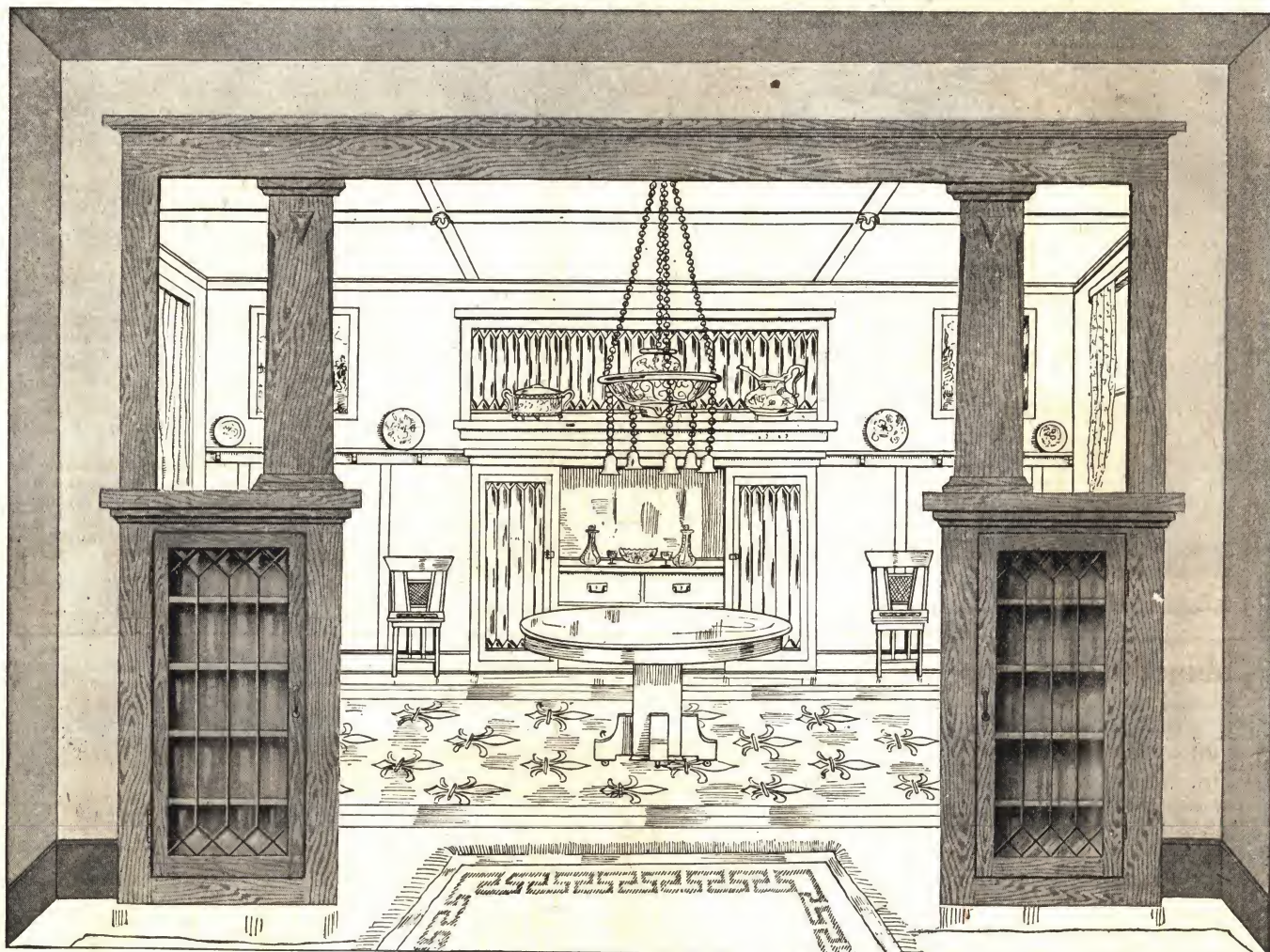
Montgomery Ward & Co.

45

Bookcase Colonnade

A fine example of the most modern colonnade. Follows the Craftsman or Mission idea in its squareness and massiveness, but will harmonize with practically any style of interior trim. The Bookcase is really useful. If Colonnade is placed between living

room and dining room, the Bookcase may face the living room and be used for books, or it can be placed so as to face the dining room, when it may be used as a china closet. Materials and workmanship are of the best.



Specifications

WOOD—Furnished in Yellow Pine or Oak, as priced below, in the white, not filled or varnished, as this colonnade should be finished to match the rest of the trim.

BOOKCASE—Height, 48 inches. Width, 24 inches. Depth, inside, 8 inches, outside, 10 inches. Size of doors—Width, 16 inches; height, 42 inches. Glass—Leaded Crystal sheet glass, design No. 278X729, page 31. Four adjustable shelves, as shown. If used for books, may be adjusted accordingly. Reverse side of bookcase has two wood panels. Shelf on which columns rest is 12 inches wide.

COLUMNS—Square, size, 6x6 inches. At the top of each side is a three-cornered wood drop ornament, and the corners are chamfered or beveled as shown, making a pleasing variation from the general squareness of the design.

CAPS—Plain square wood caps.

CASING, CAP TRIM, JAMBS AND HARDWARE not included in prices.

SHIPPING WEIGHT—About 250 pounds. Shipped knocked down and carefully crated.

This colonnade is suitable for opening from 6 to 10 feet wide. In an opening 6 feet wide, the opening between the two

book cases is made 3 feet wide. In ordering give exact height from floor to face of top jamb, also give width of jambs. (See note below.) Allow from 10 to 15 days for making shipment, as these colonnades are made to order.

Prices are for opening 9 feet high or smaller.

For each additional foot or fraction of a foot in height, add \$1.00.

278X1688—Bookcase Colonnade, Yellow Pine. Price.....\$27.00

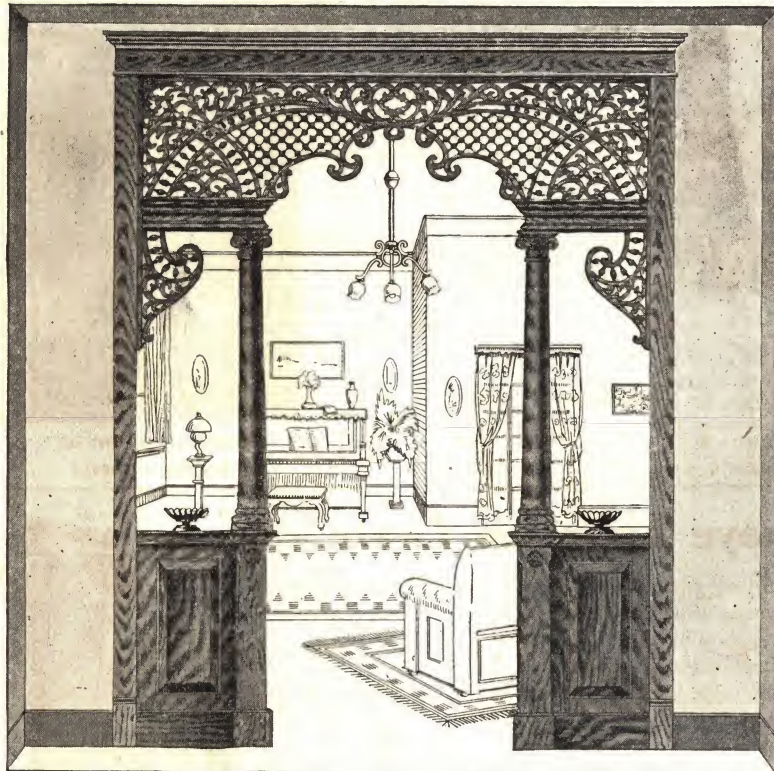
278X1689—Bookcase Colonnade, Oak. Price.....29.00

Shipped from factory in Northern Illinois.

Important Note

In the above colonnade the shelf above the panel work extends around and beyond the casing. In such cases, the shelf is cut in or rabbeted the width of the jamb, not including the casing, which sets on top of the shelf. In placing your order, therefore, it is necessary that you tell us the width of the jamb, so we can cut the shelf accordingly. Also give width of casing you are using. For explanation of the term "jamb", see No. 278X697 door jambs on page 30.

Artistic Colonnades



BROADWAY COLONNADE AND GRILLE. Casing and trim not included

Broadway Colonnade and Grille

A very popular design in a Colonnade and Grille combined, and an exceptionally good value at the prices quoted below. Same high grade materials and workmanship as on all our Colonnades, and a very pleasing pattern.

WOOD—Yellow Pine and Oak, in the white, or filled, shellaced and varnished. See prices below.
HEIGHT OF GRILLE WORK, including beam above columns, 24 inches.

PEDESTALS—Height above floor line, 30 inches. Size, 5x5 inches.

PANELS—Raised panels, with shelf and bracket. Width of panel in proportion to entire width of colonnade.

COLUMNS—Plain Round. Diameter at bottom, 5 inches, tapering to 3½ inches at top.

CAPS—Composition.

BEAM—Four inches thick, supports the grille work.

Not suitable for openings less than 6 feet wide and 8 feet high. When entire colonnade is 6 feet wide the opening between columns is 3 feet wide.

SHIPPING WEIGHT, about 150 pounds. Carefully packed and crated.

When ordering, be sure to give exact width and height of the opening in which colonnade is to be placed, measuring from jamb to jamb and from floor to face of top jamb. Allow about 15 days for making shipment, as colonnade is made to order to fit size opening desired.

Prices for Broadway Colonnade and Grille

For openings 9 feet high or less. For each additional foot or fraction of a foot in height, add 75c to prices below.

Width up to	Yellow Pine In the White 278X1691	Yellow Pine Finished 278X1692	Oak In the White 278X1693	Oak Finished 278X1694
6 feet...	\$23.75	\$26.50	\$23.75	\$26.50
7 feet...	24.50	27.00	24.50	27.00
8 feet...	25.00	28.00	25.00	28.00
9 feet...	26.00	28.75	26.00	28.75
10 feet...	26.75	29.50	26.75	29.50

Shipped from factory in Northern Illinois.

Riverside Colonnade

A handsome design that can be used either with or without drapery. Splendid proportions, highest grade materials and first-class workmanship. Made to order to fit size opening required.

FURNISHED IN YELLOW PINE OR OAK, in the white (not finished), or filled, shellaced and varnished as priced below.

PEDESTALS—Size, 5x5 inches by 30 inches high.

COLUMNS—Round. Diameter, 5 inches at bottom, tapering to receive 4 inch cap.

CAPS—Fancy Composition.

PANEL WORK—Consists of raised panels, shelf and rests for vase or flower pot. Width of panels is made in proportion to the width of colonnade. When colonnade is 6 feet wide, opening between columns is 3 feet wide. Height, 26 inches.

CURTAIN POLE AND DRAPERY not included.

JAMBS, CASING AND CAP TRIM not included. Must be ordered separately, if wanted.

SHIPPING WEIGHT—About 150 pounds, packed for shipment in one crate, panels and brackets in another.

Not suitable for opening less than 6 feet wide and 7 feet high.

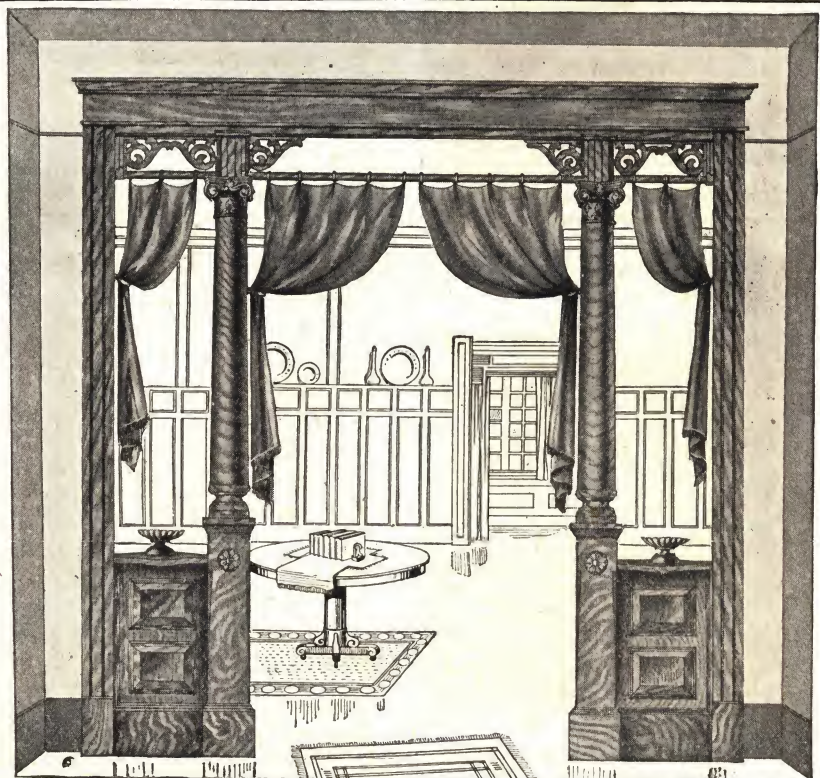
When ordering be sure to give exact width of the opening between the jambs, and the height from floor to face of top jamb. **Always give width first.** Allow about 15 days for making shipment.

Prices for Riverside Colonnade

For openings 9 feet high or less. For each additional foot or fraction of a foot in height, add 75c to price below.

Width up to	Yellow Pine In the White 278X1696	Yellow Pine Finished 278X1697	Oak In the White 278X1698	Oak Finished 278X1699
6 feet	\$19.00	\$22.00	\$19.00	\$22.00
7 feet	19.25	22.25	19.25	22.25
8 feet	19.75	22.75	19.75	22.75
9 feet	20.00	23.00	20.00	23.00
10 feet	20.25	23.25	20.25	23.25

Shipped from factory in Northern Illinois.



RIVERSIDE COLONNADE. Trim, jambs, curtain pole and drapery not included

Open Fireplace Grates

For Use With Wood Mantels, Tile Mantels or Brick Fireplaces



Interior View Excelsior Grate

Excelsior Fireplace Grate

Grate consists of four parts, the frame, basket, ash screen and summer front. Made of good quality cast iron throughout, except summer front, which is stamped from sheet steel. The basket of this grate is made solid, with heavy stationary bars. Can be set in any fireplace with firebrick. We do not furnish firebrick. In setting the grate, a space of about an inch should be left between the basket and the wall so the ashes can be pushed down and the grate cleaned. We recommend the use of the Throat Damper on the opposite page, but if your chimney is already built, this grate can be used satisfactorily without. Will burn hard or soft coal.

278X1958—Excelsior Grate, Dull Black Finish. Size, 24½ inches wide by 30¼ inches high, with fire basket 20 inches wide and 6½ inches deep. Weight, crated, about 60 pounds. **\$2.40**
278X1959—Excelsior Grate, Dull Black Finish. Size, 30½ inches wide by 30¼ inches high, with fire basket 24 inches wide and 7½ inches deep. Weight, crated, about 70 pounds. **\$3.25**
278X1960—Excelsior Grate, Oxidized Copper Plated. Size, 24½ inches wide by 30¼ inches high, with fire basket 20 inches wide and 6½ inches deep. Weight, crated, about 60 pounds. **\$3.35**
278X1961—Excelsior Grate, Oxidized Copper Plated. Size, 30½ inches wide by 30¼ inches high, with fire basket 24 inches wide and 7½ inches deep. Weight, crated, about 70 pounds. **\$4.15**

Shipped from foundry in Ohio.



Summer Front of Excelsior Grate



Summer Front of Buckeye Grate

Buckeye Fireplace Grate

A medium priced grate that represents a lot of real value. Requires no mason work in setting. Push it in place and it is ready for use. Equipped with heavy tile in the back to reflect the heat, and double dampers in the top, making it easy to control the fire. Suitable for hard or soft coal.

High grade material throughout, finished in dull black. Summer front is made of stamped steel.

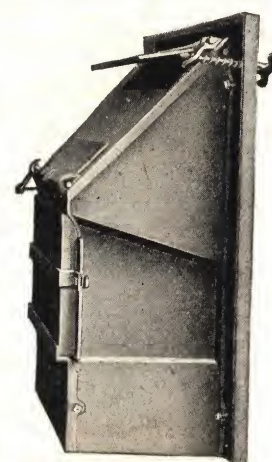
278X1964—Buckeye Fireplace Grate, Dull Black Finish, 24½ inches wide and 30¼ inches high, with fire basket 20 inches wide and 12 inches deep. Price **\$6.70**

Brick opening in chimney should be 24 inches wide, 30 inches high and 14 inches deep. Shipping weight, about 165 pounds.

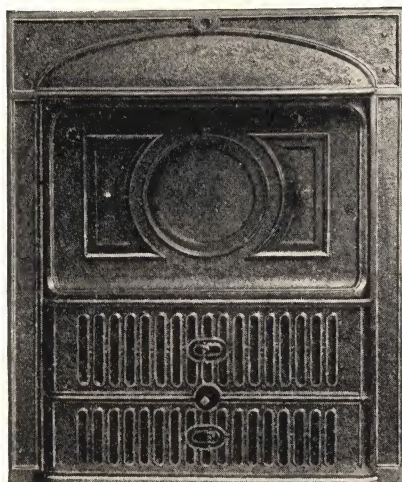
278X1965—Buckeye Fireplace Grate, Dull Black Finish, 30½ inches wide and 30¼ inches high, with fire basket 24 inches wide and 12 inches deep. Price **\$8.25**

Brick opening in chimney should be 30 inches wide, 30 inches high, and 14 inches deep. Shipping weight, about 195 pounds.

Shipped from foundry in Ohio.



Side View of Buckeye Grate



Front Closed View of Sunray Grate

Sunray Fireplace Grate

All the most improved and effective features of the coal grate are combined in the Sunray. The entire fire pot is lined with heavy fire clay tile to aid in holding the heat. The shaking bottom consists of a series of teeth operated by a shaker, which we furnish, and arranged in such a manner that the ashes can be shaken down without dumping the fire. In the front of the shaking grate is a heavy casting against which the coal burns, keeping the hot fuel away from the ornamental front of the grate so that the slide in the front can be operated at will. The draft slides in the grate and the ash screen give perfect control of the draft, so that either hard or soft coal may be used and the heat regulated as easily as in a stove.

Made of best cast iron throughout including summer front. Finished in Dull Black, or Oxidized Copper Plate, as priced below. We recommend this grate to anyone who wants the best.

278X1970—Sunray Fireplace Grate, Dull Black Finish, 24½ inches wide and 30¼ inches high, with fire basket 20 inches wide and 12 inches deep **\$10.50**
 Brick opening in chimney should be 24 inches wide, 30 inches high and 14 inches deep. Shipping weight, about 210 pounds.

278X1971—Sunray Fireplace Grate, Dull Black Finish, 30½ inches wide and 30¼ inches high, with fire basket 24 inches wide and 12 inches deep **\$12.75**

Brick opening in chimney should be 30 inches wide, 30 inches high, and 14 inches deep. Shipping weight, about 250 pounds.

278X1972—Oxidized Copper Plated, 24½ inches wide and 30¼ inches high, with fire basket 20 inches wide and 12 inches deep. Price **\$12.10**

Brick opening in chimney should be 24 inches wide, 30 inches high and 14 inches deep. Shipping weight, about 60 pounds.

278X1973—Sunray Fireplace Grate, Oxidized Copper Plated, 30½ inches wide and 30¼ inches high, with fire basket 24 inches wide and 12 inches deep **\$14.25**
 Brick opening in chimney should be 30 inches wide, 30 inches high, and 14 inches deep. Shipping weight, about 70 pounds.

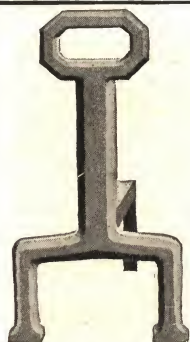
Shipped from foundry in Ohio.



Interior View of Sunray Grate

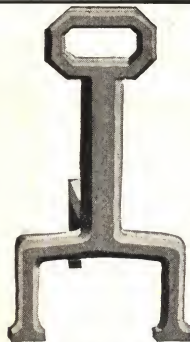
Fireplace Accessories

If Your Fireplace is Already Built, and You Want to Burn Coal, Buy a Portable Basket. For Wood, Buy a Pair of Andirons



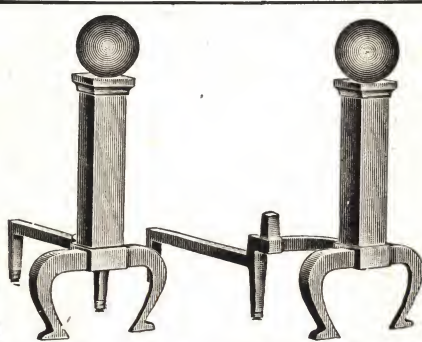
Andirons—278X1976

Height, 14 inches. Shipping weight, about 30 pounds. Suitable for gas logs or light wood fires. Dull black finish. Price, per pair.....**\$1.25**
Shipped from foundry in Ohio.



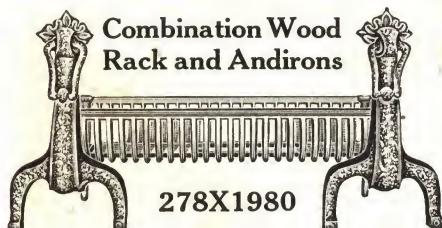
Andirons—278X1977

Height, 16 inches. Posts of seamless steel 2 inches square. Ball of cast iron. Diameter, 3½ inches. Dull black finish. Shipping weight, about 50 pounds. Price, per pair.....**\$2.95**
Shipped from foundry in Ohio.



Andirons—278X1978

Height, 19 inches. Posts, 3 inches square. Dull black finish. Shipping weight, about 70 pounds. Price, per pair.....**\$4.85**
Shipped from foundry in Ohio.



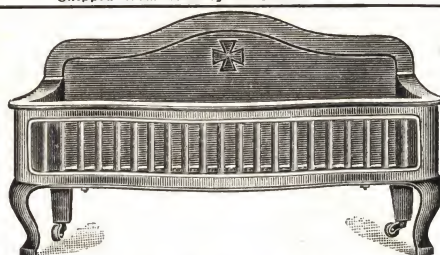
Combination Wood Rack and Andirons

278X1980

For burning small wood. Height of andirons, 19 inches. Furnished with open or closed ends as desired. State which is wanted. Cast iron. Dull black finish.

Length, inches	Width, inches	Shipping weight, pounds	Price
24	14	80	\$5.05
27	14	90	5.35
30	14	100	6.00
36	14	120	6.62

Shipped from foundry in Ohio.



Portable Basket—278X1982

A very pleasing design. Cast iron. Dull Black finish.

Length, inches	Width, inches	Shipping weight, pounds	Price
24	12	60	\$4.75
27	12	70	5.40
30	12	80	6.10

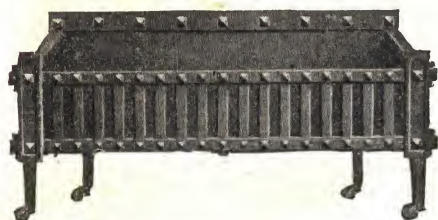
Shipped from foundry in Ohio.

Wire Spark Guard

278X1984



Framework of heavy steel wire, covered with wire mesh and lined with fine wire cloth. Shipping weight, about 10 pounds. Price, 24 inches wide and 30 inches high...**\$1.00**
Price, 30 inches wide and 30 inches high...**1.25**
Shipped from foundry in Ohio.



Portable Basket—278X1986

Cast Iron. Black Finish.

Length, inches	Width, inches	Shipping weight, pounds	Price
18	12	50	\$3.45
20	12	55	3.60
22	13	60	3.75
24	13	65	4.05
26	13	75	5.00
30	13	85	5.85

Shipped from foundry in Ohio.



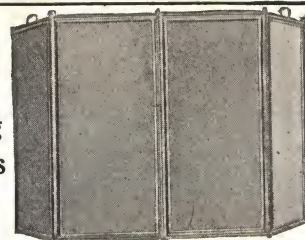
Portable Basket—278X1988

Cast Iron. Dull Black Finish.

Length, inches	Width, inches	Shipping weight, pounds	Price
25	12½	70	\$4.50
28	13½	80	5.25
31	13½	85	5.75
34	13½	90	6.00
37	13½	95	7.50

Shipped from foundry in Ohio.

Flat Folding Screens



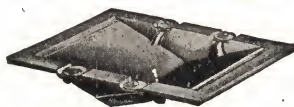
Strong steel frame with ornamental trimming of sheet metal, covered with fine woven steel wire. Made in folds, each 15 inches wide, and 26 or 30 inches high. Can be made any number of folds, but not less than 3 fold.
278X1990—Per fold, 26 inches high, dull black finish.....**85c**
278X1991—Per fold, 30 inches high, dull black finish.....**\$1.15**
278X1992—Per fold, 26 inches high, brass finish.....**\$2.55**
278X1993—Per fold, 30 inches high, brass finish.....**\$3.15**
Weight of 4-fold screen, packed in paper carton, about 10 pounds.
Shipped from foundry in Ohio.



Ash Pit Door

Including frame, with flanges to hold it in the brickwork of the chimney. Cast iron. Size, 10x12 inches. Weight, 16 pounds. **278X1996**—Price, each.....**75c**
Shipped from foundry in Ohio.

Automatic Ash Dump



Dumps the ashes automatically. Cast iron. Doors cannot come loose. Size, 6x7¾ inches. Shipping weight, about 3 pounds. **278X1997**—Price, each.....**35c**
Shipped from foundry in Ohio.

Throat Damper

Gives proper shape to throat of chimney and eliminates smoking. Damper controlled by regulating handle. Cast iron. Two-inch flange all around to fasten into brickwork, not included in measurements below.



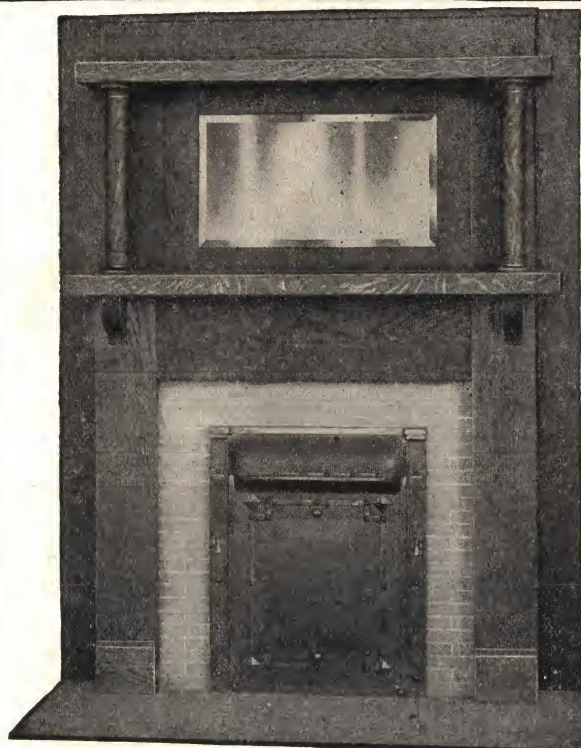
Prices **278X1998**. Order size wanted.
Size, 24x10 inches. Weight, 30 pounds.....**\$3.35**
Size, 30x10 inches. Weight, 40 pounds.....**4.15**
Size, 36x10 inches. Weight, 50 pounds.....**4.90**
Shipped from foundry in Ohio.

For Parcel Post Shipments, Add Sufficient Postage

Our Paints and Varnishes go far and cost little

Montgomery Ward & Co.

High Grade Mantels



278X2086

Specifications

WOOD—Columns and shelves of quarter-sawn veneered Oak, remainder selected plain Oak. **Dimensions**—Width, 60 inches; height, 84 inches; profile, 3 3/4 inches. Tile opening width, 36 inches; height, 36 inches; Bottom shelf, height, 48 inches; depth, 9 3/4 inches; thickness, 2 1/2 inches. Top shelf, height, 72 1/2 inches; depth, 8 1/2 inches; thickness, 2 3/4 inches. Diameter of columns, 3 inches. Bevel Plate Mirror, width, 28 inches; height, 16 inches. Weight, about 230 pounds.



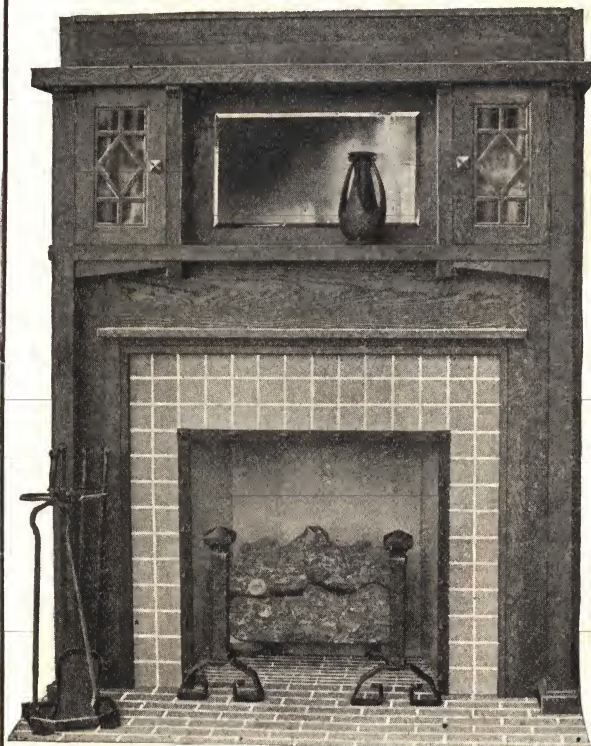
278X2088

Specifications.

WOOD—Columns and shelves made of quarter-sawn veneered Oak, remainder plain Oak. **Dimensions**—Width, 60 inches; height, 78 inches; profile, 3 3/4 inches. Tile opening, width, 36 inches; height, 36 inches. Bottom shelf, height, 50 inches; depth, 10 3/4 inches; thickness, 3 3/4 inches. Top shelf, height, 75 1/2 inches; depth, 10 inches; thickness, 3 1/2 inches. Diameter of columns, lower, 3 3/4 inches; upper, 3 1/2 inches. Mirror, width, 36 inches; height, 18 inches; beveled on 3 sides. Weight, about 280 pounds.

278X2086—Mantel only. Gloss Finish. \$10.95
Shipped from factory in Tennessee.

278X2088—Mantel only. Golden Oak finish. \$18.20
Shipped from factory in Tennessee.



278X2090

Specifications.

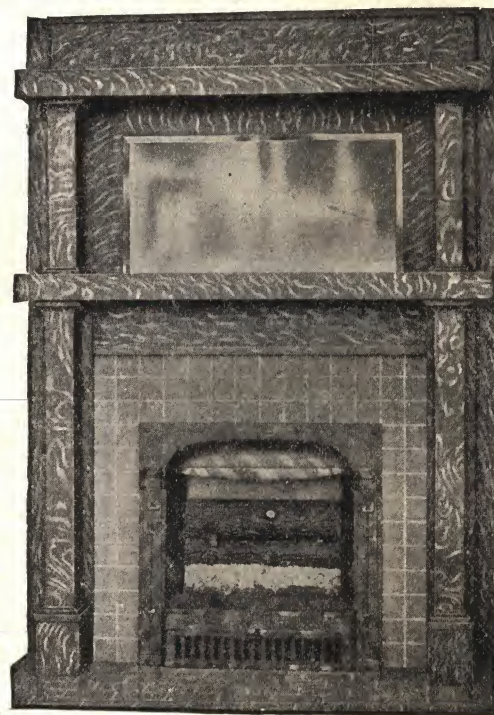
Top shelf, height, 70 1/4 inches; depth, 11 1/2 inches; thickness, 2 inches. Bottom shelf, height, 51 inches; depth, 9 1/4 inches; width, 27 inches; thickness, 1 1/2 inches. Bevel Plate Mirror, width, 24 inches; height, 14 inches. Doors, width, 10 1/2 inches; height, 17 1/2 inches. Plain glass set in wood bars.

278X2092

Specifications.

Top shelf, height, 75 1/4 inches; depth, 10 inches; thickness, 3 1/2 inches. Bottom shelf, height, 50 inches; depth, 10 3/4 inches; thickness, 3 1/4 inches. Square columns; bottom pair, width, 3 3/4 inches; top pair, width, 3 1/2 inches. Mirror, width, 36 inches; height, 18 inches. Beveled on 3 sides.

**See How to Order
Mantel Tile on
Page 53**



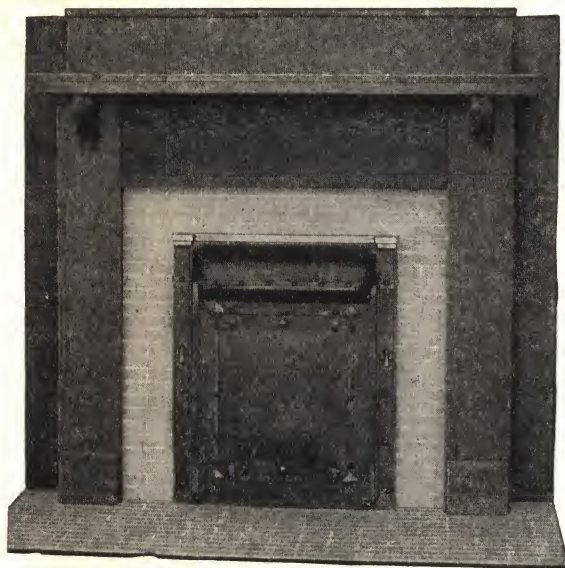
278X2090—Mantel only. Mission Oak Finish. \$21.95
Shipped from factory in Tennessee.
Weight, about 280 pounds.

WOOD—Plain Oak throughout. **Dimensions**—Width, 60 inches, height, 78 inches; profile, 3 3/4 inches. Tile opening: Width, 42 inches, height, 39 inches.

278X2092—Mantel only. Golden Oak Gloss Finish. \$22.75
278X2094—Mantel only. Golden Oak Dull Finish. \$22.75
Shipped from factory in Tennessee.

WOOD—Selected Quarter Sawn Oak throughout. **Dimensions**—Width, 60 inches, height, 84 inches, profile, 3 3/4 inches. Tile opening: Width, 42 inches, height, 39 inches.

High Grade Mantels



278X2116—Mantel only. Plain Oak Gloss Finish.....\$4.50

Shipped from factory in Tennessee.

Weight, about 150 pounds.

WOOD—Plain Oak, dark Plain Oak gloss finish. **Dimensions**—Width, 60 inches; height, 56 inches; profile, 3 3/4 inches. Tile opening, width, 36 inches; height, 36 inches. Shelf, height, 48 inches; width, 54 inches; thickness, 2 1/4 inches. Width of pilasters, 5 1/4 inches.

Tile opening—The opening in front of mantel occupied by tile is called the tile opening. For explanation on grate opening, see page 53.

Profile—In most mantels the brick of the flue is built out slightly to support the tile. The distance of the projection is called the profile.

Pilasters—The flat columns forming the sides of the mantel.



278X2118—Mantel only. Oak Gloss Finish.....\$7.50

Shipped from factory in Tennessee.

Weight, about 180 pounds.

WOOD—Plain Oak. **Dimensions**—Width, 60 inches; height, 57 inches; profile, 3 3/4 inches. Tile opening, width, 36 inches; height, 36 inches. Shelf, height, 49 inches; thickness, 3 inches. Round columns. Diameter, 3 1/2 inches.

Prices quoted include mantel only. Tile for mantels is listed on page 53, grates on page 48.

Golden Oak Finish—Our mantels are given a golden oak stain and filler, followed by 4 coats best varnish.

Mantels on this page, except No. 278X2120, can be furnished in imitation mahogany at a slight increase in price. Write for prices.

If there is any additional information you desire concerning mantels, tile, or grates, don't hesitate to write us fully. Directions for setting mantels are shown on page 53. Plan for your mantel now.



278X2120—Mantel only. Mission Finish.....\$18.20

278X2122—Mantel only. Golden Oak Gloss Finish.....18.20

Shipped from factory in Tennessee.

Weight, about 220 pounds.

WOOD—Plain Oak. **Dimensions**, width, 60 inches; height, 70 inches; profile, 5 1/2 inches. Tile opening, width, 42 inches; height, 42 inches. Shelf height, 51 inches. Thickness, 3 3/4 inches; width, 43 inches; width of pilasters, 6 3/4 inches; height, 59 inches.



278X2124—Mantel only. Oak Gloss Finish.....\$15.95

Shipped from factory in Tennessee.

Weight, about 220 pounds.

WOOD—Plain Oak. **Dimensions**—Width, 60 inches; height, 84 inches; profile, 3 3/4 inches. Tile opening, width, 36 inches; height, 36 inches. Top shelf, height, 75 1/4 inches; depth, 9 3/4 inches; thickness, 3 1/2 inches. Bottom shelf height, 50 inches; depth, 10 1/4 inches; thickness, 3 3/4 inches. Mirror, width, 36 inches; height, 18 inches. Beveled 3 sides. Width of pilasters, 6 inches.

See How to Order Mantel Tile on Page 53

All-Tile Mantels



On this page are shown two designs of All-Tile Mantels in the beautiful dark face Matte tile. Thoughtful home builders everywhere are building fireplaces in their homes and the All-Tile fireplace is growing every day in popularity.

The Rock Face Matte tile that we furnish adds exceptionally well to a fireplace of this kind. It has a soft dull finish, mottled in irregular shapes and forms and can be furnished in the following colors:

Dark Green	Green and Reddish
Medium Dark Green	Brown
Light Green	Mottled Green and Brick
Reddish Brown and Dark	Red
Green Mottled	Mottled Cream and Tan
Green and Chocolate	
Brown Mottled	

These colors are quiet but rich and when the tile is laid with black mortar joints, the contrast is very pleasing.

We sell this tile by the square foot only. The two designs shown here are simply for the purpose of suggestion. You can follow these designs or work out other designs to suit yourself.

The design at the top of the page is shown with the Keystone Arch which gives a pleasing effect, while the one at the bottom is plain.

These mantels can be fitted for Andirons and Gas Logs as shown in the illustrations or with a Gas or Coal Burner. Where a coal or gas grate is used, the grate opening should be 30 inches in width so as to accommodate the standard size grate.

The tile is furnished in the standard sizes, which are 6x6 inches, 6x3 inches, 4x8 inches and 4x4 inches. For forming the corner of the mantel it is necessary to use a rounded corner which is called a Bull Nose. This Bull Nose is not included in the price of the tile.

We do not furnish the wood shelf which forms the top of the mantel. The shelf can readily be made by your carpenter after the mantel is completed.

Price of Rock Face Matte Tile

278X2130—Rock Face Matte Tile in any of the colors or sizes described above, carefully packed in barrels containing from 30 to 50 square feet. Per square foot36c

Shipped from factory in West Virginia.

Shipping weight, per square foot, about 6 pounds.

Our Suggestion

We recommend that you send us the dimensions, so we can give you an estimate on the cost of tile for an All-Tile Mantel. Be sure to give us the following information:

Height of mantel, not including shelf.

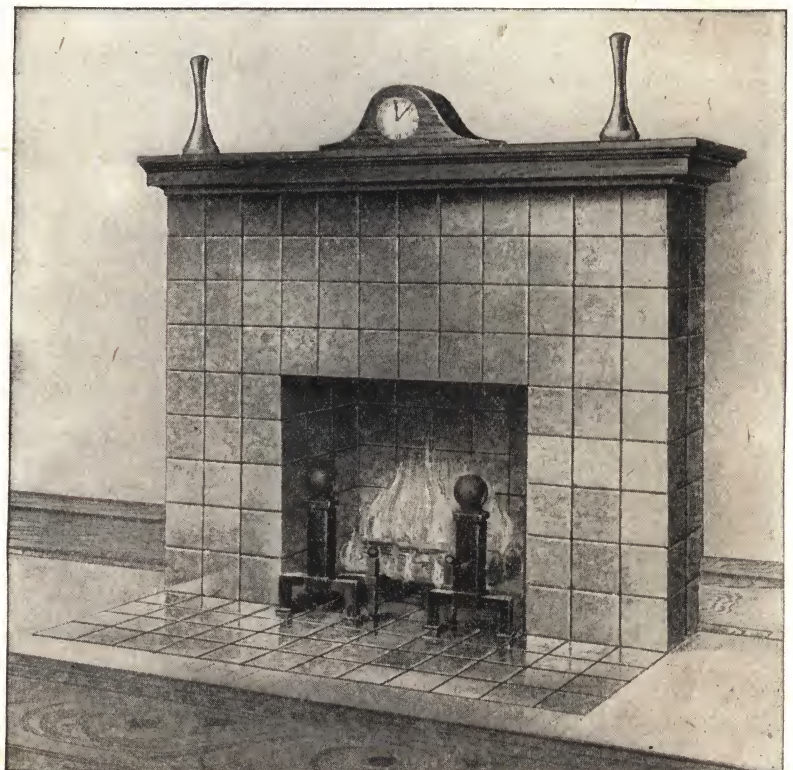
Width of mantel.

Size of fireplace opening.

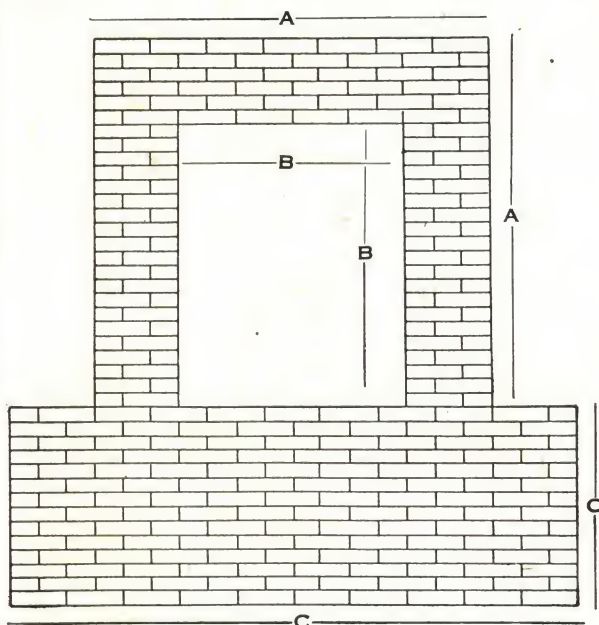
How far do you want mantel to extend out from the wall?

Size of hearth.

Do you want the Keystone Arch?



Tile for Mantels



Brilliant Enameled Mantel Tile

Everyone is familiar with the brilliant coloring and glossy finish that have made this tile the favorite for so many years. Comes in nearly all colors, mottled and solid, except red and purple. The tile we furnish is strictly first quality; no better enameled tile than ours is made. See prices and How to Order below. In ordering tell us about what shade you prefer, or you can leave it to us to make a selection for you. Size of each Brilliant tile usually furnished for mantels is 6x2. Can also supply 6x1½ and 6x3.

Rock Faced Matte Tile for Mantels

We can also furnish the Dull Finish Rock Faced Matte Tile for Mantels. This is the tile fully described on the opposite page.

How to Order Mantel Tile

On the diagram opposite the distance "A" is the Tile Opening, referred to in the description of each mantel. The distance "B" is the Grate Opening or size of grate, given in the description of each grate. The distance "C" is the size of the Hearth.

In the table below we show the Tile Opening, the Grate Opening, and the Hearth. Suppose you select a mantel having a tile opening 36 inches wide and 36 inches high. Then you select a grate having a Grate Opening 30½ inches wide and 30¼ inches high. By referring to the table you find No. 278X2138, priced \$3.02, if you want Brilliant enameled Tile, or 278X2156, price \$4.02, if you want Matte Tile.

Size of each Matte tile usually furnished for mantels is 6x3. Can also supply 6x6, 4x8, 4x4 and 3x3.

Prices of Brilliant Enameled Mantel Tile

Order by Number and Size. Always give Width first.

Number	Price	Size of Tile Opening, Inches	Size of Grate Opening, Inches	Size of Hearth, Inches	Shipping Weight, Pounds
278X2138	\$3.02	36x36	30½x30¼	60x18	40
278X2139	3.27	36x36	24½x30¼	60x18	40
278X2140	3.30	36x39	30½x30¼	60x18	49
278X2141	3.55	36x39	24½x30¼	60x18	45
278X2142	3.56	42x39	30½x30¼	60x18	45
278X2143	4.05	42x39	24½x30¼	60x18	50

Prices of Rock Faced Matte Tile

Order by Number and Size. Always give Width first

Number	Price	Size of Tile Opening, Inches	Size of Grate Opening, Inches	Size of Hearth, Inches	Shipping Weight, Pounds
278X2156	\$4.02	36x36	30½x30¼	60x18	65
278X2157	4.57	36x36	24½x30¼	60x18	75
278X2158	4.38	36x39	30½x30¼	60x18	75
278X2159	4.76	36x39	24½x30¼	60x18	75
278X2160	4.93	42x39	30½x30¼	60x18	80
278X2161	5.50	42x39	24½x30¼	60x18	80

All Tile Shipped from Factory in West Virginia

Directions for Setting Wood Mantels and Tile

When the chimney is first built a suitable foundation should be provided for the hearth, but if you are installing the mantel in a house that is already built, you can easily arrange for it as follows:

Remove the flooring in front of the chimney and make a false floor about 3 inches below the level of the original floor. This is done by nailing furring strips on the joists to support the false floor. Fill the space between the joists with brick or concrete up to within ¼ of an inch of the top of the finished floor line.

In the description of each mantel you will find given the profile, by which is meant the distance it is necessary to build out from the chimney so that the tile will fit up against the front woodwork of the mantel. This building out can be done with common brick and mortar or if the profile is small it can consist of cement or mortar only. This work should be finished off smoothly and perfectly plumb and should come within ¼ inch of the total profile. In other words, if a mantel has a profile of 3½ inches it will be necessary to build out 3 inches. You will need an iron bar as a support above the opening of the fireplace. This can be secured from any blacksmith shop.

You should lay the hearth on the concrete or brick foundation described in the first paragraph. Spread a covering of about ½ of an inch thick of cement, mixed one part of Portland cement to two parts clean sharp sand mixed with water to a fairly stiff consistency. Level off cement and lay the tile. Tile should be soaked for an hour before laying and then laid out so that there will be no delay in selecting the pieces. Start with the outside or front of the hearth and finish at the chimney. When tile has all been laid and fit to place, wedge them all around the outside to keep from spreading and hammer the tile down lightly with a wood block and hammer so as to bring the surface of the tile even with the

surface of the finished floor. See that the tile are set in place as level as possible and the joints arranged properly.

Mix a little Portland cement with water and wash it over the surface to fill the joints where needed. After this cement has partly set wipe the tile clean with a soft cloth, taking care to remove all cement from the surface of the tile while it is still soft.

The facing or face tile is laid up in much the same way. It should be laid out the same as you did the hearth. The cement mixture should be one-half Portland cement and one-half clean sharp sand. Lay up the tile as shown in the diagram above, keeping the joints in straight lines and the surface plumb and even. Be sure that the tile come even with fireplace opening, and also that they do not fall short in the other direction, because otherwise the ends of the tile will show after the mantel and grate are set in position. The finished fireplace opening should measure exactly 24 inches by 30 inches high or 30 inches wide by 30 inches high, according to the size grate you intend to use. This is important because the grate outfit frames are made in standard sizes to lap over ¼ inch on all sides and thus hide the edges of the tile work.

The mantel is next set in place and should be held in place by three good sized brass screws on each side, which go through into the brickwork of the chimney. If the work has been properly done, the front of the mantel will fit closely up against the tile facing and the back of the mantel will fit tightly against the front of the chimney.

To cut mantel tile, scratch a line with a common glass cutter on all sides at the place you wish to make the break. Then hold the tile flat in the hand, strike sharply on the back, opposite the scratch line on the enamel and you will be able to make a neat, clean break. If the ends are a little rough they can be ground smooth on a brick or stone.

Floor and Wall Tile

Floor Tile for Every Purpose

Ceramic Mosaic Floor Tile is almost indispensable for the bathroom, and is ideal for kitchen, porch and vestibule. It is extensively used in business houses, such as drug stores, banks, ice cream parlors, grocery stores, etc., where its attractiveness stimulates trade. In hotels, hospitals and large public buildings, where cleanliness is essential, Tile Flooring is almost always specified.

No Previous Experience Necessary—Complete and simple directions sent with each shipment. Can be laid in an old as well as new building. All tile mounted on paper in the patterns shown, all ready to lay.

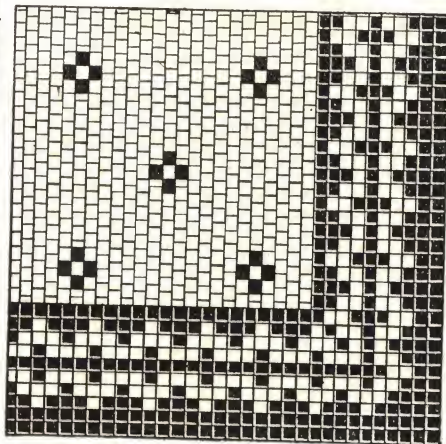
How to Figure Floor Tile. If the floor to be covered is square, with no offsets, figure the square feet of surface and allow a foot or two for cutting. If room is irregular in shape, we recommend that you send us a rough sketch, showing shape and measurements, and we will quote you our lowest price.

Shipping weight. Tile Flooring, packed for shipment, weighs about 3½ pounds per square foot.

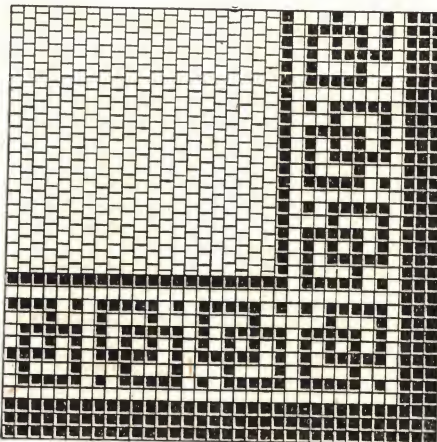
Simple Directions for Laying

Set the rough wood floor about 2½ inches below the surface of the floor joists or supports. Fill the space between the joists with concrete mixed in these proportions: One part cement, two parts sharp sand and two parts gravel. Level this mixture up with the top of floor joists and lay furring strips, one inch thick by two inches wide, leveling them up by means of an ordinary spirit level. Between these strips spread a mixture consisting of one part cement, two parts of sand and a very little slacked lime. Level mixture even with top of strips as before. Now lay sheets of tile, paper side up. Start at one corner and lay the border first, working from the corners to the middle. Lay sheets so the design matches. As each part of floor is laid, beat it into the cement mixture with a block and hammer until mixture is visible between joints. Then moisten paper and peel it off carefully, after which go over the floor carefully to see that every part is level before the cement sets. Allow floor to set for about two hours, then fill joints with a thin mixture of pure cement, wiping off the cement with a flannel cloth. Let the floor stand a day or two and then rub it with sharp sand and a piece of soft lumber—and then it's done.

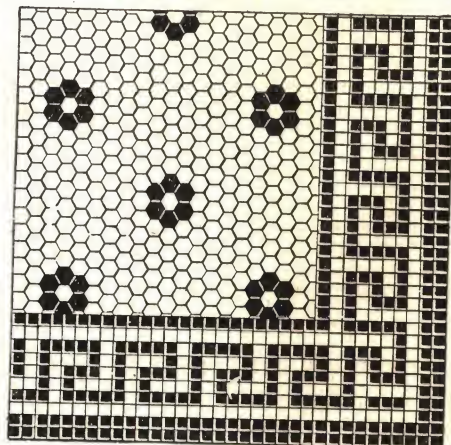
CERAMIC MOSAIC FLOOR TILE



278X2170—Red and White. Per square foot...18c
278X2171—Black and White. Per square foot 18c
278X2172—Blue and White. Per square foot...22c



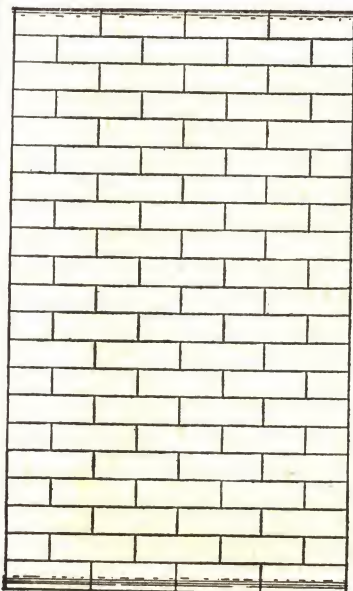
278X2174—Red and White. Per square foot...18c
278X2175—Black and White. Per square foot 18c
278X2176—Blue and White. Per square foot...22c



278X2178—Red and White. Per square foot...19c
278X2179—Black and White. Per square foot 19c
278X2180—Blue and White. Per square foot...23c

Floor Tile Shipped from Factory in West Virginia

Sanitary—White Enameled Wall Tile—Clean



At the prices quoted below, a completely tiled bathroom or kitchen is a possibility in every home. A tiled wall may cost a little more in the first place than regular plaster, but it hardly ever needs repairs and is the most satisfactory wall covering possible for bathroom or kitchen.

Furnished in standard sizes, 6x3 inches (as shown in picture at the right), 6x2 inches (to the left), also 6x6 inches, 3x3 inches, 6x1½ inches and 4x2 inches. Picture at the right shows Wall Tile No. 278X2182, size 6x3 inches, with Base No. 278X2184, size 6x6 inches, and cap No. 278X2185, size 6x1½ inches. Picture at left shows Wall tile No. 278X2182, size 6x2 inches. Base No. 278X2186, size 6x2 inches and Cap 278X2187, size 6x2 inches. Any combination of base and cap may be used with any standard sizes of Wall Tile, 278X2182. The picture at the right is a little more elaborate design and costs a little more than the one to the left.

Prices

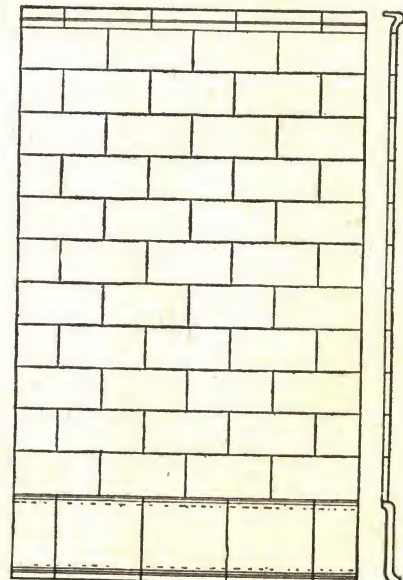
278X2182—Wall Tile, White Enameled, in any of the standard sizes listed above. Per square foot.....24c
278X2184—Base, size, 6x6 inches. Per lineal foot.....40c
278X2185—Cap, size, 6x1½ inches. Per lineal foot....16c
278X2186—Base, size, 6x2 inches. Per lineal foot....15c
278X2187—Cap, size, 6x2 inches. Per lineal foot.....15c

Shipping weight, per square foot, about 5 pounds.

Shipped from factory in West Virginia.

Important: Send for our estimate on Wall Tile. We have listed the prices above simply to show you the lowest cost of Wall Tile by our modern methods. To make a complete job it is necessary to use angles and corners, which are not listed on this page. We, therefore, recommend that you send us a rough pen or pencil sketch of the room, showing doors, windows and other offsets, and the complete measurements, and tell us the size tile and the kind of base and cap you have selected from this page. We will then figure the cost for you complete.

Send for our estimate today.



Console—Medicine Cabinets



Modern Console

A room that has a modern console does not need a large amount of elaborate furniture. The design shown here is an ornament to any interior, and the long mirror is a great convenience. Allow 15 to 20 days for making shipment.

SPECIFICATIONS

WOOD—Furnished in Birch, Plain Oak, and Quarter Sawed Oak, as listed below.

FINISH—Come to you in the white, not finished, as the console should be finished to match the rest of the woodwork. Hand smoothed at the factory ready for finishing.

DIMENSIONS—Width, 4 feet 6 inches. Height, 7 feet 6 inches. Height from floor to shelf, 18 inches.

COLUMNS—Round. Diameter, 4 inches. Height, 58 inches. Plain turned wood base, composition cap.

MIRROR—Best quality French Bevel Plate. Width, 32 inches. Height, 54 inches.

SHIPPING—Shipped set up, ready to put in place. Shipping weight, about 250 pounds.

278X2188—Modern Console, Birch\$40.00

278X2189—Modern Console, Plain Oak..... 40.50

278X2190—Modern Console, Quarter Sawed Oak..... 42.50

Shipped from factory in Northern Illinois.

Hints to the Home Builder

Built-in conveniences, such as are shown on this and the following four pages, are setting new standards of convenience and economy in the home. Many an old house can be made attractive by a little thought and at very small expense by introducing some of these ideas. While planning for a new home, these things should by all means be provided for.

Where space is at a premium, a set of drawers, with a flour bin on each side and a set of shelves and glass doors above, will meet practically all the requirements of a pantry and be as convenient in every way, besides saving the space.

Look through the pages of this book carefully and see how many improvements can be made in your home at a trifling expense.

Medicine Cabinets

A Built-in Medicine Cabinet is a Bathroom necessity. Furnished in two styles, Design M, with drawer, and Design W, without.

GENERAL SPECIFICATIONS OF EACH DESIGN

WOOD—Yellow Pine, Birch or Oak, as listed below. Furnished in the white, not finished, so you can finish to match rest of your woodwork.

MIRROR—Best quality Bevel Plate Mirror. Size, width, 16 inches; height, 18 inches.

TRIM—Prices include trim. If wanted without trim so you can finish around cabinet with trim to match the rest of your woodwork, deduct 30c from prices quoted.

HARDWARE—Not included. Should match the rest of your bathroom hardware.

SHELVES—Three adjustable shelves, made of wood.

SHIPPING—Shipped ready to set in wall.

Specifications of Design W, without Drawer

DIMENSIONS OF OPENING IN WALL—Width 21 inches. Height, 28 inches. Depth, 4 inches.

DRAWERS—Width, 20 inches. Height, 4 inches. Depth, 3 3/4 inches.

SHIPPING WEIGHT—About 50 pounds.

Specification of Design W, without Drawer

DIMENSIONS OF OPENING IN WALL—Width, 21 inches. Height, 24 inches. Depth, 4 inches.

SHIPPING WEIGHT—About 50 pounds.

Prices—Design M

278X2192—Yellow Pine, with drawer.....\$4.90

278X2193—Oak, with drawer 5.25

278X2194—Birch, with drawer 5.25

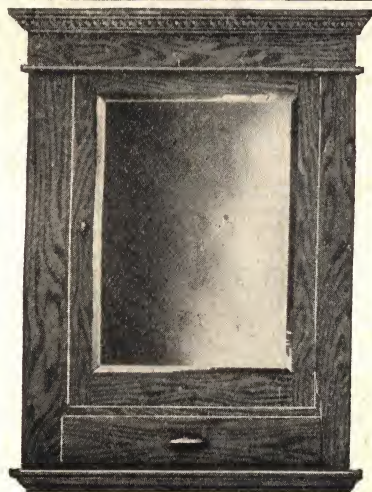
Prices—Design W

278X2196—Yellow Pine, without drawer.....\$4.55

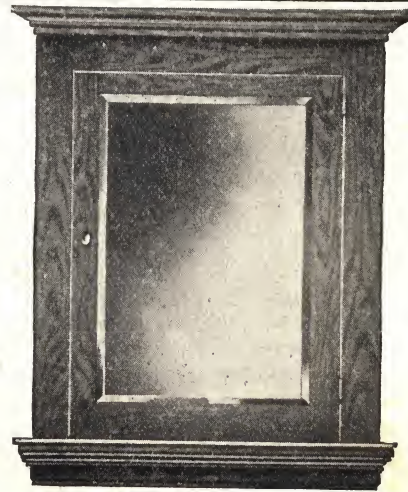
278X2197—Oak, without drawer 4.90

278X2198—Birch, without drawer 4.90

Shipped from factory in Northern Illinois
Mirror deduct 50c from the above prices.



Design M

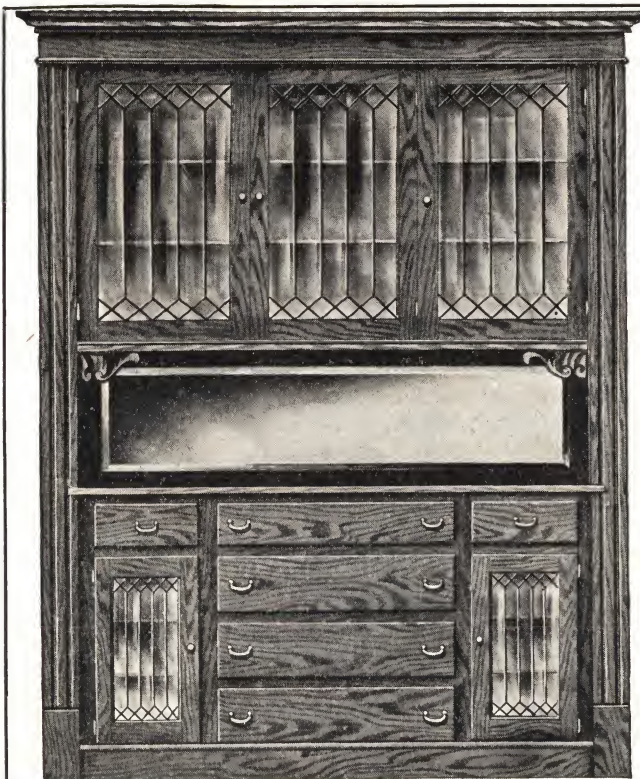


Design W

Repairs and improvements are not an expense, but an investment

Montgomery Ward & Co.

Built-In China Closets



Yorktown China Closet

A very attractive looking china closet. Sets in a recess in the wall, so that the front comes even with the wall. The opening is finished with casing and cap similar to an ordinary door.

SPECIFICATIONS

Wood. Parts that are exposed, including the back of top section, are made of Clear Yellow Pine, Birch or Red Oak, as priced below. Parts not seen are made of soft wood.

Size of Opening in Wall. Width, 5 feet; height, 7 feet; depth, 14 inches.

Height from Floor to Counter or main shelf, 2 feet 9 inches.

Distance from Counter to shelf section, 16 inches.

Size of Bevel Plate Mirror. Width, 54 inches; height, 12 inches.

All prices below include mirror.

Size of Glass in Top Doors. Width, 16 inches; height, 28 inches.

Size of Glass in Bottom Doors. Width, 10 inches; height, 18 inches.

Drawers. Six drawers. Size of bottom three, width, 26 inches; height, 6½ inches; depth, 12 inches. Size top middle, width, 26 inches; height, 5 inches; depth, 12 inches. Size side top, width, 13½ inches; height, 5 inches; depth, 12 inches.

Shelves. Two adjustable wooden shelves in top section. Two in each bottom section.

Shipping Weight. About 250 pounds. Shipped in two sections, top and bottom. Allow 15 days to make shipment.

Hardware not included in prices quoted.

Casing and Cap Trim shown in picture are included in price. If not wanted, deduct \$0.75 from prices below.

PRICES OF YORKTOWN CHINA CLOSET

278X2316—Yellow Pine, with plain double strength glass in top doors and REGULAR WOOD PANEL doors below	\$28.00
278X2317—Yellow Pine, with Leaded Crystal Glass doors above and below, as shown	32.90
278X2318—Birch with plain double strength glass in top doors and regular WOOD PANEL DOORS below	30.80
278X2319—Birch, with Leaded Crystal Glass doors above and below, as shown	35.70
278X2320—Red Oak, with plain double strength glass in top doors and REGULAR WOOD PANEL DOORS below	30.80
278X2321—Red Oak, with Leaded Crystal glass doors above and below, as shown	35.70

Shipped from factory in Northern Illinois.

Colonial China Closet

A design that anyone may well be proud of. Sets in a recess in the wall. Top part comes flush with the wall but bottom part projects slightly. Finished around with casing and cap trim the same as an ordinary door, as shown in illustration.

SPECIFICATIONS

Wood. Parts that are exposed, including back of top section, are made of Yellow Pine or Oak, in the white, not filled or varnished. Parts not seen are made of soft wood adapted for the purpose.

Size of Opening in Wall. Width, 5 feet 2 inches; height, 7 feet; depth, 13 inches.

Height from Floor to Counter or main shelf, 32 inches.

Height from Counter Shelf to shelf section, 14 inches.

Size of Plain Plate Mirror. Width, 56 inches; height, 12 inches.

Glass in Top Doors. Width, 11 inches; height, 28 inches. Leaded Crystal Sheet.

Depth of Counter, 19½ inches.

Depth of Shelves. Above, 11½ inches on the inside.

Drawers. All drawers, 15½ inches deep. Bottom and middle drawers are 26¼ inches wide and 6¼ inches high. Top Center drawer is 26¼ inches wide and 3¼ inches high. Top Outside drawers are 11¼ inches wide and 3¼ inches high.

Casing and Cap Trim included in prices below.

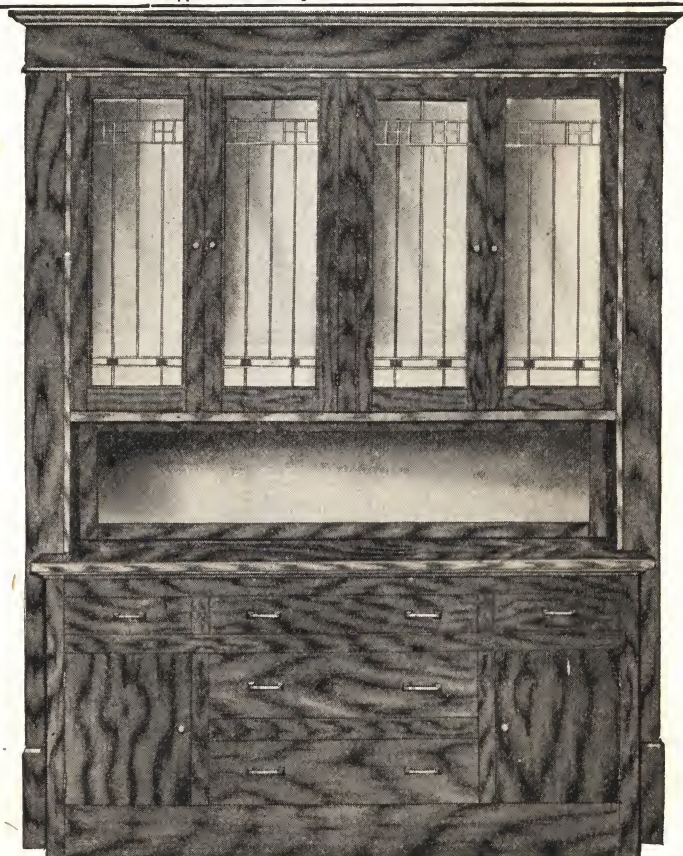
Hardware. Prices do not include hardware.

Shipping Weight, about 250 pounds. Shipped in two sections. Allow 15 days to make shipment.

PRICES

278X2322—Colonial China Closet, Yellow Pine, without Mirror	\$28.00
278X2323—Colonial China Closet, Yellow Pine, with Mirror	32.00
278X2324—Colonial China Closet, Oak, without Mirror	32.00
278X2325—Colonial China Closet, Oak, with Mirror	36.00

Shipped from factory in Northern Illinois or Eastern Iowa.



China Closets and Buffets

Manor China Closet

The combination of mirror, panels and leaded glass is somewhat out of the ordinary, but very attractive. Set in recess to come flush with wall.

SPECIFICATIONS

Wood. Parts that are exposed, including the back of top section, are made of Yellow Pine, Birch or Oak. Parts not seen are made of soft wood. Furnished in the white, not filled or varnished.

Size of Opening in Wall. Width, 5 feet; height, 7 feet; depth, 14 inches.

Height from Floor to Counter, or main shelf, 2 feet 9 inches.

Height from Counter to Shelf Section, 16 inches.

Size of Bevel Plate Mirror. Width, 18 inches; height, 42 inches. Prices below include mirror.

Size of Glass in Top Doors. Width, 12 inches; height, 28 inches.

Shelves adjustable, made of wood.

Size of Panel Doors. Width, 14 inches; height, 21½ inches.

Drawers. Depth, 12 inches; width top two, 26 inches; lower three, 24½ inches. Height, upper three, 5 inches; lower two, 6½ inches.

Casing and Cap Trim shown in picture are included in prices below. If not wanted, deduct \$0.75 from prices.

Hardware not included.

Shipping Weight, about 250 pounds. Shipped in two sections, ready to set up. Allow 15 days to make shipment.

PRICES OF MANOR CHINA CLOSET

278X2326—Yellow Pine, with Plain Double Strength glass.....	\$32.20
278X2327—Yellow Pine, with Leaded Crystal glass as shown.....	33.60
278X2328—Birch, with Plain Double Strength glass.....	35.00
278X2329—Birch, with Leaded Crystal glass as shown.....	36.40
278X2330—Oak, with plain Double Strength glass.....	35.10
278X2331—Oak, with Leaded Crystal glass as shown.....	36.50

Shipped from factory in Northern Illinois.



Bungalow Buffet or China Closet

A design that sets lower than the others shown on these pages. Suitable for room trimmed in Craftsman design.

SPECIFICATIONS

Opening in Wall. Width, 5 feet; height, 5 feet 4 inches; depth, 14 inches.

Height from Floor to counter or shelf, 2 feet 9 inches.

Counter. Width, 30 inches; depth, 16 inches.

Mirror. Best Bevel Plate. Width, 24 inches; height, 24 inches. Prices include mirror.

Glass in Doors. Double Strength or Leaded, as ordered. Width, 10 inches; height, 46 inches. Not suitable for narrow opening.

Shelves. Five adjustable shelves, made of wood. Depth, 12 inches.

Hardware not included.

Casing and Cap Trim included. Allow 15 days to make shipment.

Shipping Weight, about 250 pounds. Shipped complete ready to put up.

PRICES OF BUNGALOW BUFFET

278X2334—Yellow Pine, with Plain Double Strength Glass in doors.....	\$32.50
278X2335—Yellow Pine, with Leaded Crystal Glass.....	33.90
278X2336—Birch, with Plain Double Strength Glass in doors.....	35.20
278X2337—Birch, with Leaded Crystal Glass.....	36.60
278X2338—Oak, with Plain Double Strength Glass in doors.....	35.25
278X2339—Oak, with Leaded Crystal Glass.....	36.65

Shipped from factory in Northern Illinois.



China Closet and Pantry Case



Built-In China Closet or Kitchen Cabinet

Don't build a new home or remodel the old one without installing a China Closet in your kitchen or dining room. A China Closet ranks almost as a necessity in the home. It is a great space-saver, and its convenience must really be experienced to be fully appreciated.

The design shown on this page is a most popular one, and continues to grow in favor. It is made of the highest quality of material, either Oak or Yellow Pine, and the workmanship is excellent. The appearance is artistic and pleasing. Add to this the very low price that we offer, and you have a truly remarkable value.

Specifications

WOOD—Oak or Yellow Pine, as listed below. Furnished in the white, not filled or varnished. Comes to you hand smoothed, ready for finishing so you can match the rest of your woodwork. To be set in recess in wall, not out into the room. The back is made of Beaded Ceiling, with the smooth side of the ceiling faced in so as to give a finished interior.

DIMENSIONS—Requires an opening in the wall of the following size. Width, 4 feet. Height, 7 feet. Depth, 14 inches.

GLASS IN DOORS—Clear Double Strength. Size, width, 19 inches. Height, 28 inches. Can also be furnished with Leaded Crystal Glass, No. 278X729, as shown on page 31, at prices quoted below.

SHELVES—One stationary and two adjustable shelves. Shelves made of wood. Depth, 12 inches.

DRAWERS—Four drawers as shown. Depth, 12 inches. Width of top drawers, 21 inches. Bottom drawers, 43 inches.

CASING AND CAP TRIM—Not included in prices quoted. If wanted add 75c.

HARDWARE—The hinges, door pulls and drawer pulls shown in picture are not included as the hardware should match the rest of the hardware in your home.

SHIPPING—China Closets are assembled after your order is received, consequently we require about ten days to fill your order. They are shipped in two sections, the upper and lower. **Shipping weight**, about 125 pounds.

Prices on Built-in China Closet as Described Above

- 278X2349—Yellow Pine, with Double Strength Glass...\$16.75
- 278X2350—Yellow Pine, with Leaded Crystal Glass.... 19.50
- 278X2351—Oak, with Double Strength Glass..... 18.85
- 278X2352—Oak, with Leaded Crystal Glass..... 21.75

Shipped from factory in Northern Illinois.

Built-In Pantry or Drawer Case

Plenty of drawer room is a necessity in the home. This drawer case is a great convenience whether used in a closet as a clothes closet, or in the pantry. If used in the pantry a regular case of shelves can be built above it, using Pine boards for the shelves and some of our china closet doors (see index). May also be used in the kitchen, alone or in connection with our Flour Bins (see page 59), and in this way eliminate the pantry altogether.

Specifications

SIZE—Height, 2 feet 8 inches. Width, 3 feet. Depth, 16 inches.

MATERIAL—Yellow Pine. As this case is intended to be set in pantry or in the wall, it is not sealed at back and ends.

FINISH—In the white, not finished, should be finished to match rest of the woodwork.

DRAWERS—Three. Width, 2 feet 6 inches. Height, 8 inches. Depth, 16 inches.

HARDWARE—Not included in price.

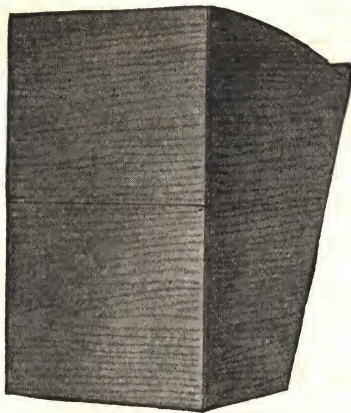
SHIPPING—Shipped set up ready to put in place. **Shipping weight**, about 80 pounds.

- 278X2348—Case as described above.....\$4.75

Shipped from factory in Northern Illinois.



A Page of Miscellaneous Articles



Flour Bin 278X2354

Pine Flour Bin

This flour bin is a very necessary article for your kitchen or pantry. Read our suggestion for a built-in cupboard on Page 55.

Made of good quality pine, smoothed and fitted, shipped to you knocked down, ready to be put together. The bin is so arranged that it can be fastened at the front bottom edge with small, loose, pin hinges, giving it a good tilting arrangement, at the same time making it possible to take out the bin for cleaning and airing.

Width of bin, 1 foot 6 inches; height, 2 feet 6 inches; depth at the top, 1 foot 5 inches; depth at bottom, 9 inches. Shipping weight, about 20 pounds.

278X2354—Flour Bin, as described above. Price, each.....**\$1.87**

Shipped from factory in Iowa.

Drawers for Pantry and Other Cases



An excellent drawer for pantry or china closet. Exposed front, which has a lip, made of Yellow Pine or Oak, remainder of soft wood. Thickness of front, 13/16 inch; sides, 5/8 inch; back and bottom, 5/16 inch. Shipped knocked down, all ready to put together. Joint at the front with the sides is a patent joint which will not pull apart. Shipping weight, large size, about 12 pounds. Depth means from front to back.

Number	Wood	Width	Height	Depth	Price, each
278X2356	Yellow Pine	17 1/2 in.	4 3/4 in.	18 in.	\$0.55
278X2357	Oak	17 1/2 in.	4 3/4 in.	18 in.	.60
278X2358	Yellow Pine	36 in.	6 3/4 in.	18 in.	.65
278X2359	Oak	36 in.	6 3/4 in.	18 in.	.80

Shipped from factory in Iowa.

Iron Sash Weights



278X2375—Iron Sash Weights, per pound.....**1 3/4 c**

Weight of each sash weight marked. Actual weight slightly less. Sizes from 3 pounds up to 9 pounds by half pounds, and from 9 pounds up by pounds.

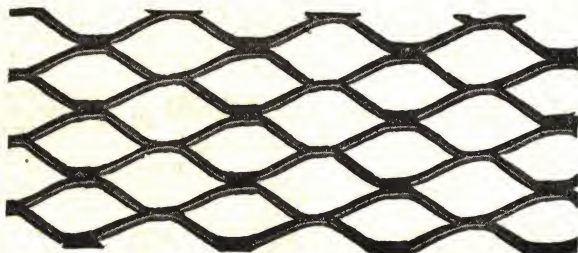
Each window requires four sash weights. Find the weights of the window in the table given for that purpose and divide by 4, which gives the size weights to order.

Shipped from factory in Northern Illinois or Iowa.

Expanded Diamond Rib Metal Lath

On account of its fireproof qualities Metal Lath is becoming largely used instead of Wood Lath, both for interior and exterior plaster work.

In building partitions it is customary to space the studding 16 inches from center to center. The sheets of the metal lath are 96 inches long. One sheet will reach the distance of six studding. Metal Lath should be attached to the studding with staples 1 or 1 1/4 inches long, made of 14-gauge wire. Each 100 square yards of lath will require about 10 pounds of 1-inch or 12 pounds of the 1 1/4-inch staples. Metal Lath should be lapped a little on the ends and sides of the sheets.



For lining Corn Cribes and Granaries. Our Metal Lath is excellent for this purpose, without plastering, as it effectually keeps out rats and mice.

Each sheet of lath is one piece of metal and the mesh cannot be enlarged without breaking. Our Metal Lath bends uniformly so that it can be readily fitted in the corners.

For exterior work or cement siding construction, the house is sheathed as though weather boarding were to be used. The sheathing is covered with a layer of damp-proof paper. Ordinary wood strips or furring should then be applied, spaced the same way as the studding, and nailed through the sheathing to the studding. Ordinary wood lath will be satisfactory. The purpose of the furring strips is to provide a space behind the metal lath so that the cement mortar may be worked through and take hold bundle. Prices of Metal Lath subject to market fluctuations.

Prices of Metal Lath

Made in sheets 24 inches by 96 inches. Each sheet contains 1 7/9 yards. Packed in bundles of 15 sheets, containing 26 2/3 square yards. We do not furnish less than a bundle.

	Approximate Weight per Square Yard	Price per Square Yard
278X2364 —Not Coated, 27-gauge.....	2.25 pounds	\$0.15
278X2365 —Not Coated, 26-gauge.....	2.5 pounds	.16 1/2
278X2366 —Not Coated, 25-gauge.....	3.0 pounds	.17 1/2
278X2367 —Not Coated, 24-gauge.....	3.4 pounds	.19
278X2368 —Painted, 27-gauge.....	2.25 pounds	.15
278X2369 —Painted, 26-gauge.....	2.5 pounds	.16 1/2
278X2370 —Painted, 25-gauge.....	3.0 pounds	.17 1/2
278X2371 —Painted, 24-gauge.....	3.4 pounds	.19
278X2372 —Galvanized, 27-gauge.....	2.8 pounds	.28
278X2373 —Galvanized, 24-gauge.....	4.1 pounds	.32

Shipped from factory in Ohio.

Sink Trimmings

We show the sink trimmings usually used in putting up a plain iron sink



Drip Board

Manufactured from thoroughly dry, clear hardwood. Made up of pieces tongued and grooved and then put in a clamp and pressed together under tremendous pressure. This construction prevents buckling or warping. Grooved on the face for draining purposes, and beveled on one edge. Size, 24x24 inches. Thickness, 1 1/4 inches. Weight, about 10 pounds.

278X2376—Drip Board, as described above. Each.....**75 c**

Shipped from factory in Iowa.

Sink Apron

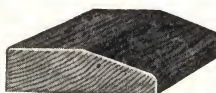


For around the sink to hide the bottom and give a finished appearance. Made of good quality hardwood. Width, 7 inches. Thickness, 13/16 inch. Weight, per lineal foot, about 2 pounds.

278X2377—Sink Apron, per lineal foot.....**8 c**

Shipped from factory in Iowa.

Sink Cap



For around top of sink to make a neat finish. Made of good quality Oak. Width, 3 inches; thickness, 3/4 inch. Weight, per foot, about 1/2 pounds.

278X2378—Sink Cap, per lineal foot.....**4 c**

Shipped from factory in Iowa.

Sink Leg



Made of good quality Oak. Size, 1 1/2x1 1/2 inches. Length, 30 inches. Weight, about 1 1/4 pounds.

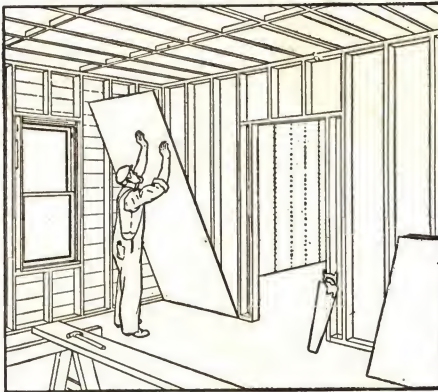
278X2379—Sink Leg. Price, each.....**18 c**
Price for set of 4.....**65 c**

Shipped from factory in Iowa.

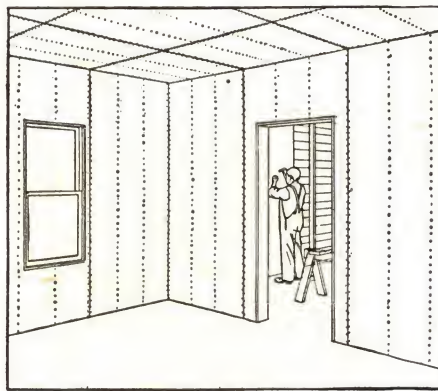
For prices on sinks and plumbing goods send for our Plumbing Book.

SAFETY
Protecto
STRENGTH

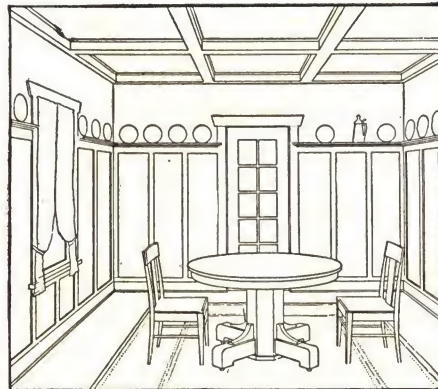
Wall Board



Picture shows how our Protecto Wall Board can be applied right to the studding, thus saving all the expense of lath. Notice the long sheets reaching from floor to ceiling. No expense for "headers" or extra supports when you use Protecto. With our assortment of sizes, any wall up to and including 9 feet, can be finished without an end joint.



The same room covered with Protecto before the casing and trim has been put on. Note the wide sheets which reach the distance of the studding. Makes fewer joints, takes less time to put on, less expensive. These sizes found only in Protecto Wall Board.



The finished room. This shows panel work and beam ceiling, but you can fill the joints and paper or finish in any way that plaster can be finished. And, remember, if you do use panel strips, it is not necessary for the strips to follow the joints, which gives very much greater possibilities for decoration.

How Protecto Wall Board is Made

Top Layer—Heavy, tough fiber paper saturated with plaster composition and sized or treated with a water-proofing compound.

Core or center of fire-proof, hard, wall-plaster composition.

Bottom Layer—Same as top layer except that it is not sized.



Actual Thickness Full 1/4 Inch

Where to Use Protecto Wall Board

Use Protecto for residences and other new buildings. No dampness, no delay, no settling cracks, no lath stains. Equal in service and strength to a lath and plaster wall. Fire-proof, moisture-proof, heat-proof, cold-proof, sound-proof.

Use Protecto to make a room out of your old attic; for lining closets, for making partitions, for boxing around the furnace to keep the heat in and the cold out, so as to cut down fuel bills; for lining garages and stables; for repairing old plaster walls; for countless other things that will suggest themselves to you.

Use Protecto any place where lath and plaster can be used and in many other places besides.

Protecto Saves You Money

No lath to buy because you nail it right onto the studding. No high-priced labor required. If you want to, you can do the work yourself and get a lot of satisfaction out of doing it. No expensive repairs.

Easy to Put Up and Decorate

Can you handle a saw and hammer? Then you can apply Protecto Wall Board successfully. With each order we furnish complete, easy directions. You do not need a carpenter. The edges are cut true and even. Saw it with an ordinary saw and put it on with ordinary nails.

Unlimited Possibilities for Decoration

Protecto can be papered, painted, calcimined, tinted and decorated in every way that a plaster wall can be decorated. Panel strips can be used for decoration but are not necessary if you do not want to use them. Remember, also, that if you do use panel strips, it is not necessary that they follow the joints of the wall board.

Why You Should Use Protecto Wall Board

BECAUSE IT WILL NOT BURN. Because it cannot warp, buckle or shrink. Because it is kiln-dried and sized at the factory, ready for decoration. Because it comes in large, convenient sheets which are more economical and make a better job. Because Protecto is not a cheap plaster board that has to be given a plaster coat, but a high-grade wall board ready for decoration as soon as it is up. The paper covering on the large size sheets are turned in at the side edges. Thus protecting the plaster core.

Send for Sample

Order by Number 278X2380

Send for Sample

Size of Sheets inches		Number of feet per sheet	Number of sheets per crate	Price per Crate	Weight per Crate	Price per sheet in less than Crate lots
Width	Length					
32	36	3	23	\$3.96	270	\$0.18
36	48	12	16	4.75	280	.35
36	72	18	11	4.90	290	.48
36	96	24	8	5.05	280	.70
36	108	27	7	5.00	280	.81
48	72	24	8	4.76	280	.65
48	84	28	7	4.85	280	.82
48	96	32	6	5.10	280	.87
48	108	36	5	4.80	270	1.05

All sizes shipped from factory in Northern Illinois or Southern Michigan. Be sure to state size of sheets wanted. Size 32x36 also shipped from Central Ohio or Central Iowa.

On the 32x36 inch size, the paper covering is not as heavy as on the larger sizes, therefore used mainly when a plaster finish wall is wanted, or can be used without a plaster coat if desired.

Protecto Joint Filler

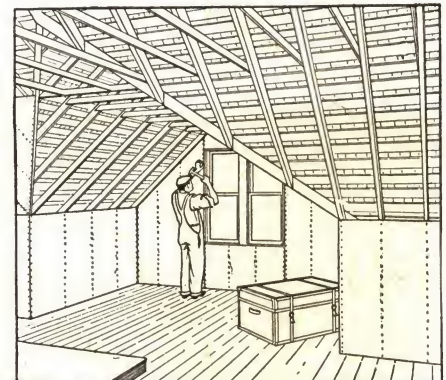
Used to fill joints between sheets to give a flat surface for papering or painting. Order about 17 pounds for each one-thousand feet of wall board for the large sizes.

Mix the dry Joint Filler with water in a clean pail to the consistency of thick paste. Fill the joints flush with the board and allow to set over night, being careful that none of the filler is left on the face of the board.

78X2383—Protecto Joint Filler, in lots of 1 to 14 pounds. Per pound.....4c

278X2384—Protecto Joint Filler, in lots of 15 pounds or more. Per pound.....3c

Can be shipped with wall board. If ordered separately in small quantities, allow extra for Parcel Post.



Shows how that old attic can be made into an attractive room by using Protecto. Nail headers or pieces of 2x4 lumber across the top and apply the Wall Board Direct. Why not utilize this space when you can do so at such small expense?

Superb WALL BOARD

The Strong, Pleasing Permanent, Economical Wall Covering
NO LATH - NO PLASTER - A DECORATION IN ITSELF

The General Purpose Wall Board

Superb Wall Board takes the place of lath and plaster and can be put in quicker, more economically and without any muss or dirt.

Kinds of Finishes

Plain Mill Finish, Green, Golden Oak or Natural Oak. The Mill Finish is a brownish tan color and the reverse side of each of these finishes is a Light Cream, which is also suitable for a temporary wall finish. These five finishes offer almost unlimited possibilities in decorative effects, either in combination or singly. Can be painted, calcimined, or decorated in other ways when desired.

Uses of Superb Wall Board

Superb Wall Board is used for new walls, for covering old plaster, for repair work, for attics, basements, summer cottages, garages, poultry houses; for sheathing where not exposed to the weather, etc.

The Handy Man's True Friend

Our Superb Wall Board has been appropriately called by this name. Any man who has the knack of doing little odd jobs around the house will find many practical uses for Superb Wall Board. Here are a few suggestions: panels, shelving, partitions, drawer bottoms, drawing boards, desk tops, mirror backing, shirt-waist boxes, and closets. That isn't half of them, but you will certainly find a place in your home for this useful material. In fact it can be used in practically every place where an ordinary wooden board would be required, and in many other places as well.

Now Comes Crated and is Easy to Apply

The man who knows how to handle a saw and drive nails is already an expert with Superb Wall Board. Complete easy instructions are furnished with every order. Wall Board comes in convenient lengths and two widths, 32 inches or 48 inches. Put on with ordinary bung head, or flat head, 4-penny nails. Complete instructions furnished with each shipment.

Send
For Sample

Prices of Superb Wall Board

Send
For Sample

Width of Sheet Inches	Length of Sheet feet	Number of Square Feet per Sheet	Shipping Weight Per Sheet Crated	Price Mill Finish Per Sheet 278X2530	Price Green Finish Per Sheet 278X2531	Price Gold'n Oak Finish Per Sheet 278X2532	Natural Oak Finish per sheet 278X2533
32 inches	6 feet	16	14 pounds	\$0.40	\$0.42	46c	46c
32 inches	7 feet	18 1/2	16 pounds	.47	.50	53c	53c
32 inches	8 feet	21 1/2	18 pounds	.51	.52	59c	59c
32 inches	9 feet	24	20 pounds	.58	.59	69c	69c
32 inches	10 feet	26 2/3	22 pounds	.63	.70	77c	77c
32 inches	12 feet	32	26 pounds	.82	.86	92c	92c
48 inches	6 feet	24	20 pounds	.64	.66	Oak finishes not furnished in 48-inch widths.	
48 inches	7 feet	28	23 pounds	.77	.79		
48 inches	8 feet	32	26 pounds	.81	.83		
48 inches	9 feet	36	29 pounds	.88	.89		
48 inches	10 feet	40	32 pounds	1.03	1.10		
48 inches	12 feet	48	38 pounds	1.29	1.32		

Shipped from factory in Northern Illinois.

Superb Wall Board Now Crated to Reach You in Best of Condition

Superb Crack Filler

Used to fill cracks between sheets of Superb Wall Board to give a flat surface for painting or decorating, as desired.

278X2534—

1-pound can ..\$0.24

5-pound can .. .93

10-pound can .. 1.69

20-pound can .. 2.85

Shipped with Wall Board.

Superb Wall Tape

Gummed strips of tough fibre paper, 1 1/2 inches wide. Tan color only. Weight, per 100 feet, 8 ounces.

278X2535—

Per roll of about 100 lineal feet20c

Per roll of about 500 lineal feet90c

Shipped with Wall Board.

Superb Panel Strips

Pine or Oak, thickness, 5/16 inch; width, 1 3/4 inches. Weight, Pine per 100 feet, 15 pounds; Oak, 18 pounds.

278X2536—Pine

per 100 lineal feet.65c

278X2537—Plain

Red Oak, per 100 lineal feet\$1.36

Shipped with Wall Board.

Shipped from factory in Northern Illinois.

Order about 6 pounds filler for each 1,000 feet of 48-inch Wall Board and about 9 pounds per 1,000 feet on the 32-inch.

Construction of Superb Wall Board

Superb Wall Board is composed of three layers of heavy fibre board joined together by a permanent fire-retardant adhesive. The improved process of manufacture gives the finished product a high degree of toughness and strength, with just enough pliability to make it easy to handle and apply. Treated with a prime coating compound which acts as a sizing coat, making the board ready for decoration without any further sizing.

A hammer and saw are all the tools you need. Use ordinary wire nails.

Golden Oak Finish

Showing quarter-sawn graining. See what rich, harmonious effects you can secure by matching the woodwork of your rooms.

Natural Oak Finish

A very attractive finish in quarter sawed Oak, especially suitable to use with panel strips for wainscoting or panel work, with the plain finish above.

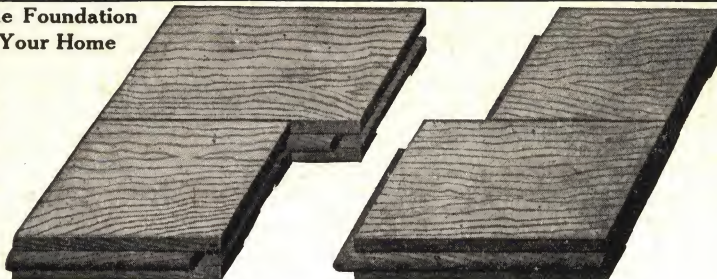
The illustrations show how easy it is to apply Superb Wall Board, and also gives you an idea of the pleasing decorative effects that may be obtained.

Quality Maple and Oak Flooring

A Hardwood Floor is the Foundation for Things Beautiful in Your Home

Probably no other one feature will add so much as a shining Oak or Maple floor.

At the prices quoted below you can have either at a low cost. The grades we offer are the highest. Every piece of this flooring is thoroughly seasoned, carefully manufactured and steel polished. Sides and ends are tongued and grooved for matching, and the $\frac{13}{16}$ inch thickness has the hollow back. This flooring will satisfy you in every respect and the prices will save you money.



Grading Rules for Oak and Maple Flooring

Clear Grade is the highest made, the face being clear, as the name implies. Lengths in this grade shall be mixed, 2 feet and up, with not to exceed 15 per cent under 4 feet. No certain amount of any one length supplied.

Select Grade is the grade below Clear. It may contain some slight imperfections, but is an excellent grade of flooring and is suitable for all but the very highest class of work. Standard lengths are from 1 to 16 feet. Mixed lengths only, not specified lengths.

How to Order Flooring

When estimating the amount of flooring required, remember that the Width of Face given in the table below is the finish size or covering size of the flooring, and that a flooring having $1\frac{1}{2}$ inch face is counted as being 2 inches wide and a flooring having $2\frac{1}{4}$ inch face is counted as being 3 inches wide to allow for the tongue and groove. On this account it is necessary to add about one-third to the actual number of square feet of surface to be covered. For instance, a room 9 feet by 10 feet contains 90 square feet of surface to be covered. To this must be added one-third of 90 or 30 square feet, making a total of 120 feet of flooring required to cover the room. This rule applies, no matter where you buy flooring.

Prices of Maple Flooring

Article Number	Grade	Thickness	Width of face	Price per 100 square feet
278X2540	Clear	$\frac{3}{8}$ inch	$1\frac{1}{2}$ inches	\$4.25
278X2541	Select	$\frac{13}{16}$ inch	$2\frac{1}{4}$ inches	4.30
278X2542	Clear	$\frac{13}{16}$ inch	$2\frac{1}{4}$ inches	5.50

$\frac{13}{16}$ -inch Maple Flooring shipped from Southern Illinois or Eastern Iowa.

$\frac{3}{8}$ -inch and $\frac{13}{16}$ -inch Clear Grade also shipped from Southern Ohio.

Weight of $\frac{3}{8}$ inch thick Maple and Oak Flooring, about 90 pounds per 100 square feet.

Weight of $\frac{13}{16}$ inch thick Maple and Oak Flooring, about 220 pounds per 100 square feet.

Prices of Plain Sawed Oak Flooring

Article Number	Grade	Thickness	Width of Face	Price per 100 square feet
278X2544	Select	$\frac{3}{8}$ inch	$1\frac{1}{2}$ inch	\$3.80
278X2545	Clear	$\frac{3}{8}$ inch	$1\frac{1}{2}$ inch	5.30
278X2546	Select	$\frac{13}{16}$ inch	$2\frac{1}{4}$ inch	5.50
278X2547	Clear	$\frac{13}{16}$ inch	$2\frac{1}{4}$ inch	6.25

All Plain Oak Flooring shipped from Southern Ohio.

Nos. 278X2545 and 278X2547 can also be shipped from Eastern Iowa.

Weight of $\frac{3}{8}$ inch thick Maple and Oak Flooring, about 90 pounds per 100 square feet.

Weight of $\frac{13}{16}$ inch thick Maple and Oak Flooring, about 220 pounds per 100 square feet.

Prices of Quarter-Sawed Oak Flooring

Article Number	Grade	Thickness	Width of Face	Price per 100 square feet
278X2565	Select	$\frac{3}{8}$ inch	$1\frac{1}{2}$ inch	\$4.25
278X2567	Clear Red	$\frac{3}{8}$ inch	$1\frac{1}{2}$ inch	6.25
278X2568	Clear Red	$\frac{13}{16}$ inch	$2\frac{1}{4}$ inch	9.00
278X2569	Clear White	$\frac{13}{16}$ inch	$2\frac{1}{4}$ inch	9.75

All Quarter Sawed Oak Flooring shipped from Southern Ohio.

Weight of $\frac{3}{8}$ inch thick Maple and Oak Flooring, about 90 pounds per 100 square feet.

Weight of $\frac{13}{16}$ inch thick Maple and Oak Flooring, about 220 pounds per 100 square feet.

Select grade not sorted for color, red and white mixed.

How to Lay Hardwood Floors

Hardwood flooring should not be laid in a damp building. It should be laid over a surface that is smooth and perfectly clean and the boards of the Oak flooring should run at right angles to the boards in the sub-floor. The $\frac{13}{16}$ -inch flooring should be laid with an 8-penny casing nail or flooring brad and the $\frac{3}{8}$ -inch flooring with a $\frac{1}{4}$ -inch No. 15 brad. In driving each piece of flooring against the flooring already laid, to make a tight fit, always use a small piece of flooring as a block in order to avoid battering the tongue or lip. Oak flooring should be scraped and sand papered until it is perfectly smooth. This may be done by hand or by a floor scraper.

How to Finish Hardwood Floors

Maple Flooring—To get the best results, Maple Flooring should be left just as it comes from the manufacturer. We

do not recommend the use of oil on Maple Floors, as this has a tendency to discolor the wood and make it look dirty and greasy. If you desire to finish the floor, we suggest giving it two light coats of varnish.

Oak Flooring—After the Oak Flooring has been scraped and smoothed, give it a coat of prepared hardwood paste filler, such as our No. 75X8210. Apply with a brush and after allowing 20 or 30 minutes to set, rub off smooth with a rough piece of burlap, wiping across the grain. This filler is made in light, dark or Golden Oak, so you can have your choice of shades. Allow at least 24 hours for the filler to dry, sand paper the surface smoothly and if you wish to finish in varnish, apply two coats of very thin floor varnish. Allow the first coat to dry thoroughly and go over the surface lightly with a fine piece of sand paper before applying the second. If you do not want the gloss of a varnish finish, then rub the floor lightly with a good rubbing oil and pumice stone, together with a piece of burlap. Wipe perfectly dry and the gloss will disappear, leaving a dull finish.

Lumber—Lumber—Lumber

Prices quoted on this page are for convenience in ordering small quantities. For carload lots consisting of 12,000 to 15,000 feet, equalling 30,000 to 34,000 pounds or more, we will quote special prices upon application. Make up your list plainly, stating for what purpose various items will be used.

Prices are based on shipping material from Southern Illinois

Lumber values fluctuate constantly, so that all prices on this page are subject to market changes. They are prevailing prices at time that this book goes to press. We always give our customers the benefit when market declines, and prices will not be raised unless they advance.

Other Shipping Points

We can ship carload orders of Yellow Pine lumber from Southern Mills, and Fir from the Pacific Coast. If you live in the Southwestern or Western States and need a carload of lumber, lath and shingles, send us your list for our delivered carload price. Carload orders only from Southern Mills and Pacific Coast.

Grades of Lumber

Our lumber is graded in accordance with the grading rules of the Manufacturers' Association, adopted as the official standard of quality, and is always equal to or better than the grade specified.

No. 1 Yellow Pine Dimension and Timbers

Joists, Rafters, Studding

No. 1 Grade, the standard grade manufactured for this purpose. All pieces full length. Thickness and width are standard. Surfaced on one side and one edge to make uniform sizes. Weight per piece given below. Weight, per 1,000 feet, board measure, about 2,500 pounds.

Note—We list this material in No. 1 only. If you want No. 2 quality, in lengths up to 20 feet only, deduct \$2.00 per 1,000 feet. No. 2 suitable for cheap work.

Thickness and Width, Inches	Length, Feet	Price of One Piece	Price per 1,000 Feet Board Measure	Weight Per Piece Pounds
2 x 4	6	\$0.10	\$25.00	11
2 x 4	8	.13	24.50	14
2 x 4	10	.16	24.00	17
2 x 4	12	.19	23.50	20
2 x 4	14	.22	23.00	23
2 x 4	16	.25	22.50	26
2 x 4	18	.28	22.00	29
2 x 4	20	.31	21.50	32
2 x 4	22	.34	21.00	35
2 x 4	24	.37	20.50	38
2 x 4	26	.40	20.00	41
2 x 4	28	.43	19.50	44
2 x 6	8	.21	23.50	22
2 x 6	10	.25	23.00	27
2 x 6	12	.29	22.50	32
2 x 6	14	.33	22.00	37
2 x 6	16	.37	21.50	42
2 x 6	18	.41	21.00	47
2 x 6	20	.45	20.50	52
2 x 6	22	.49	20.00	57
2 x 6	24	.53	19.50	62
2 x 6	26	.57	19.00	67
2 x 6	28	.61	18.50	72
2 x 8	8	.27	24.00	29
2 x 8	10	.34	23.50	36
2 x 8	12	.40	23.00	43
2 x 8	14	.48	22.50	50
2 x 8	16	.56	22.00	57
2 x 8	18	.64	21.50	64
2 x 8	20	.71	21.00	71
2 x 8	22	.78	20.50	78
2 x 8	24	.86	20.00	85
2 x 8	26	.93	19.50	92
2 x 8	28	1.00	19.00	99
2 x 10	10	.46	22.50	47
2 x 10	12	.50	22.00	56
2 x 10	14	.58	21.50	65
2 x 10	16	.68	21.00	75
2 x 10	18	.81	20.50	84
2 x 10	20	.90	20.00	93
2 x 10	22	1.06	19.50	103
2 x 10	24	1.14	19.00	112
2 x 10	26	1.34	18.50	122
2 x 10	28	1.56	18.00	132
2 x 10	30	1.80	17.50	142
2 x 12	10	.55	27.50	56
2 x 12	12	.63	26.00	67
2 x 12	14	.79	24.50	78
2 x 12	16	.84	23.00	90
2 x 12	18	1.01	21.50	101
2 x 12	20	1.12	20.00	112
2 x 12	22	1.30	18.50	123
2 x 12	24	1.42	17.00	134
2 x 12	26	1.67	15.50	145
2 x 12	28	1.91	14.00	156
2 x 12	30	2.22	12.50	167

Saved 40 Per Cent

Tyro, Kansas.

Montgomery Ward & Co.,

Dear Sirs—I feel obliged to write you about that lumber.

I was satisfied and very thankful for the lumber shipment. I saved anyhow about 40 per cent of the cost, so if I am in need for another shipment I will buy it from you.

Yours very truly,
John Stolp.

Explanation of Board Measure

Lumber is usually sold by board measure, which is the number of square feet of surface in a piece of lumber 1-inch thick. For instance, a board 1-inch thick, 8 inches wide and 12 feet long contains 8 square feet or 8 feet board measure.

It is apparent that a piece of lumber 2 inches thick will contain twice the amount of feet, board measure, that is contained in the same size piece of 1-inch thick. A piece of lumber 2 inches thick, 8 inches wide and 12 feet long will therefore contain 16 feet board measure.

Lumber is counted by the size of the rough piece from which the finished piece is made and the finished size is always smaller than the rough size. For instance, a 2x8 will actually measure about 1½ inches thick and 7½ inches wide but is counted as 2x8.

These rules are the official standard and hold good no matter where you buy.

Cypress Tank Stock

Two-inch stock for making tanks, etc. Clear Cypress, the highest grade made. Planed on both sides to a thickness of 1½ inches. Weight, per 100 feet, board measure, about 300 pounds. Furnished in mixed lengths, 10 to 20 feet. No specified lengths.

Size, Inches	Prices per 100 feet, board measure
2 x 4	\$5.20
2 x 6	5.40
2 x 8	5.50
2 x 10	5.60
2 x 12	6.00

"Montgomery Ward & Co. for Mine"

Detroit, Mich.

Montgomery Ward & Co.,

Gentlemen: It is with supreme pleasure that I recommend your company in every detail. I have dealt with Montgomery Ward & Company for almost a quarter of a century and they have always done the square thing by me. I cannot say this of home merchants.

The material ordered from you has been for a two-family flat and from time to time you have furnished me with nearly everything. More orders are to follow.

I am especially pleased with my flooring. I saved fully 25 per cent on the deal. Not only this, but the grade of lumber you handle so far surpasses Detroit gradings, this alone is of much to me.

I saved \$1.05 on a keg—100 lbs. of nails bought of you people. Some water pipe and gas pipe fixtures I split the cost on.

Montgomery Ward & Company for mine.

Truly yours,
C. E. MEEKER,
625 Gladwin Ave.

Yellow Pine Timbers

No. 1 Grade, the standard grade of timber made. Square-edged, straight and sound. Furnished in the rough, or surfaced. Shipped rough unless ordered surfaced on four sides.

For each 2 feet longer than 20 feet, add \$1.00 per 1,000 to the prices below. Weights per piece given below. Weight, per 1,000 feet surfaced, 3,800 pounds; rough, about 4,400 pounds.

Thickness and Width, Inches	Length, Feet	Price of One Piece	Price, per 1,000 feet	Weight, Per Piece, Pounds
4 x 4	8	\$0.27	\$24.00	50
4 x 4	10	.24	24.00	60
4 x 4	12	.39	24.00	70
4 x 4	14	.46	24.00	82
4 x 4	16	.51	24.00	94
4 x 4	18	.63	26.00	105
4 x 4	20	.71	26.00	117
4 x 6	8	.39	24.00	80
4 x 6	10	.32	24.00	88
4 x 6	12	.58	24.00	105
4 x 6	14	.57	24.00	120
4 x 6	16	.77	24.00	140
4 x 6	18	.94	26.00	158
4 x 6	20	1.04	26.00	176
6 x 6	8	.63	24.00	120
6 x 6	10	.78	26.00	132
6 x 6	12	.87	24.00	158
6 x 6	14	1.01	24.00	185
6 x 6	16	1.16	26.00	211
6 x 6	18	1.41	26.00	246
6 x 6	20	1.56	26.00	264
6 x 8	8	.87	24.00	141
6 x 8	10	1.04	26.00	176
6 x 8	12	1.16	24.00	211
6 x 8	14	1.35	24.00	246
6 x 8	16	1.44	24.00	282
6 x 8	18	1.88	26.00	317
6 x 8	20	2.08	26.00	352
8 x 8	8	1.91	24.00	188
8 x 8	10	1.38	24.00	235
8 x 8	12	1.54	24.00	282
8 x 8	14	1.80	24.00	329
8 x 8	16	2.04	24.00	376
8 x 8	18	2.50	26.00	422
8 x 8	20	2.79	26.00	469

Saved Between 40 and 55 Per Cent

Markesan, Wis.

Montgomery Ward & Co.,

Gentlemen: In regard to the Building Material I purchased of you, I must say it came in A No. 1 shape, and was better quality than I expected. On the White Pine Siding I saved 40 per cent and finished lumber 55 per cent, and better quality than I could obtain here. I can only speak well of all the dealings I have had with you.

Yours truly,
GUY A. THAYER,
Lakeview Farm.

P. S.—Please send me one of those price lists so I can show it to my friends.

Saved at Least \$100.00

Des Moines, Ia.

Montgomery Ward & Co.,

Gentlemen: The car of lumber I purchased of you in the Fall of 1914 reached me in first-class condition and was far superior to what I had expected. The carpenters who did my work said it was as good or better material as they had worked on for a long time, and that I had saved at least one hundred dollars on my purchase comparing prices with local dealers, and when in need of more lumber I shall certainly deal with you.

Yours truly,

P. A. SEAVER.

SEND US YOUR LIST FOR OUR CARLOAD PRICES

Build better, pay less. Send for our Book of Homes

Montgomery Ward & Co.

Lumber - Lumber - Lumber

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Other Shipping Points

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Grades of Lumber

Our lumber is graded in accordance with the grading rules of the Manufacturers' Association, adopted as the official standard of quality, and is always equal to or better than the grade specified.

Yellow Pine Boards and Fencing

Planed on both sides to standard thickness of about $1\frac{3}{4}$ -inch. Figured as 1-inch thick. Mixed lengths from 10 to 20 feet. Specified lengths, No. 1 and 2 only. add 10c per 100 ft.

Furnished in 3 grades. No. 1 Grade is the grade usually used for siding barns and other outbuildings. Small, tight knots may be found in this grade. No. 2 Grade is used for fencing, roof boards, sheathing and inexpensive barn siding. No. 3 Grade may be used for cheap construction work. Weight, 240 pounds per 100 feet. Allow for a certain amount of waste in No. 3.

Prices per 100 feet, board measure.

Thickness and Width, Inches	Price, No. 1 Grade	Price, No. 2 Grade	Price, No. 3 Grade
1 x 4	\$2.35	\$2.05	\$1.90
1 x 6	2.60	2.35	1.95
1 x 8	2.65	2.45	2.05
1 x 10	2.70	2.50	2.10
1 x 12	3.10	2.55	2.15



Yellow Pine Shiplap

Planed on both sides to standard thickness of $1\frac{3}{4}$ -inch, with lap as illustrated. Actual width is about $\frac{1}{4}$ -inch less than width given below. Measured as 1-inch thick. Grading rules same as for boards. Furnished in mixed lengths, 10 to 20 feet. For all one certain length, No. 1 and No. 2 grades only, add 10c per 100 feet. Allow for a certain amount of waste in No. 3. Weight, about 230 pounds per 100 feet, board measure.

Prices of Yellow Pine Shiplap

Per 100 feet, board measure.

Thickness and Width, Inches	Price, No. 1 Grade	Price, No. 2 Grade	Price, No. 3 Grade
1 x 8	\$2.65	\$2.45	\$2.05
1 x 10	2.70	2.50	2.10

Barn and Factory Flooring



Yellow Pine Dressed and Matched

Made from No. 1 quality, 2x6-inch lumber, dressed and matched into flooring. Finished size, thickness, $1\frac{1}{2}$ inches; face about $5\frac{1}{4}$ inches.

In estimating the amount of flooring required it is necessary to add about $\frac{1}{8}$ to the number of square feet of surface to be covered. Weight, about 230 pounds per 100 feet, board measure.

Prices of 2x6-inch, Dressed and Matched.

Per 100 feet, board measure.

Lengths, 12 feet, 14 feet or 16 feet.....\$2.50

Lengths, 10 feet, 18 feet or 20 feet..... 2.60

Saved \$150.00

Pickford, Mich.

Montgomery Ward & Co.

Dear Sirs:

I consider that I have saved at least \$150.00 in the amount of material we bought of you.

Yours truly,

Ephraim S. Cottle

Cypress Fencing

Fencing is the name given to 1x6 and 1x4-inch lumber. No. 1 Common Grade. Furnished rough, planed one side, or planed both sides, as ordered. In mixed lengths from 10 to 16 feet. Weight, planed 240 pounds per 100 feet, board measure.

Prices.

Size, 1x4 inches. Per 100 feet, board measure...\$3.00

Size, 1x6 inches. Per 100 feet, board measure...3.05

Grooved Roofing



Made from 1x10-inch stock, surfaced and grooved as illustrated. Finished size slightly less. Measured as 1x10-inch size. Weight, about 240 pounds per 100 feet, board measure. Furnished in mixed lengths from 10 to 20 feet. No. 1 grade Yellow Pine.

Price, per 100 feet, board measure.....\$2.40

Bevel Cribbing



Made from 1x4-inch or 1x6-inch lumber, surfaced and beveled as illustrated. Actual sizes slightly less. Furnished in mixed lengths from 10 to 20 feet. Weight, about 230 pounds per 100 feet, board measure. Furnished only in No. 1 Grade Yellow Pine.

Size, 1x4 inches. Per 100 feet, board measure...\$2.50

Size, 1x6 inches. Per 100 feet, board measure. 2.65

Saved Between \$300.00 and \$400.00

Palco, Kansas.

Montgomery Ward & Co.

Gentlemen:

I am well pleased with the lumber and millwork I bought of you. It was better lumber than I expected. I bought 2,000 feet of lap siding and 1,500 feet of B. and better edge flooring and I did not find a knot in either.

There has been lots of my friends in to see the lumber and they all say it is the best bill of lumber they ever saw. I made a saving between \$300.00 and \$400.00 by dealing with you.

Thanking you for fair dealing with me, I remain,

Yours truly,

H. L. Rogers.

P. S.—It is likely that I will need more lumber this fall to put up a barn. If I do I will be glad to let you figure on the bill.

Barn Boards

Specially Selected Stock. No. 1 Grade. Planed on both sides to uniform thickness, slightly less than listed size. Square edges. Weight, about 240 pounds per 100 feet, board measure.

Arkansas Soft Pine Barn Boards

No. 1 Grade

A soft, Short-Leaf Yellow Pine, called by the above name because of its similarity to soft, white pine. Takes and holds paint readily and makes an excellent barn board. Furnished in standard lengths, 10, 12, 14, 16, 18 or 20 feet.

Prices Arkansas Soft Pine Barn Boards.

1x 8 inches. Per 100 feet board measure.....\$2.65

1x10 inches. Per 100 feet, board measure..... 2.70

1x12 inches. Per 100 feet, board measure..... 3.10

Cypress Barn Boards

No. 1 Common Grade. Especially recommended for outside use because of its lasting qualities. Called the "Wood Eternal." Furnished in standard lengths, 12, 14 or 16 feet. Planed on two sides.

Prices Cypress Barn Boards.

1x 8 inches. Per 100 feet, board measure.....\$3.00

1x10 inches. Per 100 feet, board measure..... 3.05

1x12 inches. Per 100 feet, board measure..... 3.30

Cypress Flooring

Size, inches	Grade	Price
1 $\frac{3}{4}$ x3 $\frac{3}{4}$	Clear	\$4.80
1 $\frac{3}{4}$ x3 $\frac{3}{4}$	"C" Select	4.00
1 $\frac{1}{2}$ x3 $\frac{3}{4}$	Clear	5.00

Mixed standard lengths only 10 to 16 ft. Weight, 240 pounds per 100 ft.

Saved Almost a Third

Hersey, Wis.

Montgomery Ward & Co.

Gentlemen:

In regard to lumber purchased from you will say that we were more than pleased with same. We saved almost a third by buying from you and our carpenter said we could not have gotten the quality at any price here.

Yours truly,

W. F. Shillcox.

Saved Enough to Pay His Carpenter Bill

Pickering, Mo., Route 2.

Montgomery Ward & Co.

Gentlemen:

My bill of lumber I purchased of you last August for a house 26x32, one story, two porches, one 24x7, one 12x7, was first class material as listed in Catalogue. I saved enough on the bill to almost pay my carpenter bill which was 30 cents per hour.

Yours respectfully,

Herman Small.

Send us your list for Our Carload Prices.

Lumber — Lumber — Lumber

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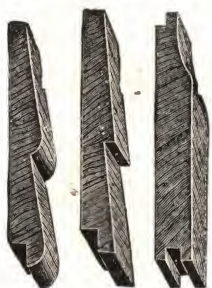
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Drop Siding Yellow Pine



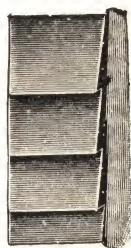
Pattern 117 Pattern 115 Pattern 106

Prices, per 100 feet, board measure.

Clear Grade Yellow Pine.....\$2.80
No. 1 Grade, Yellow Pine.....2.55
No. 2 Grade, Yellow Pine.....2.00

Above Patterns can also be furnished in Common Cypress. Price, per 100 feet, board measure....\$3.50

Bevel Siding



Called Weather Boarding, Lap Siding, Clap Boards and various other names in different sections. Finished sizes, about $\frac{1}{2}$ x 3 $\frac{1}{2}$ inches and $\frac{1}{2}$ x 5 $\frac{1}{2}$ inches. Measured as 1x4 inch and 1x6 inch lumber.

GRADES—Clear Cypress, the highest grade Cypress Siding usually sold. Select Cypress, the next grade below Clear, and a good, serviceable grade, suitable for medium-class buildings. The grades of Clear Redwood, Clear Red Cedar, and Clear Yellow Pine are the highest grades of their respective woods that are usually sold. Weight of Bevel Siding, about 90 pounds per 100 feet, board measure. Standard lengths, mixed.

Prices, per 100 feet, board measure.

Size, Inches	Grade	Price
$\frac{1}{2}$ x 3 $\frac{1}{2}$	"C" Select Cypress	\$2.20
$\frac{1}{2}$ x 5 $\frac{1}{2}$	"C" Select Cypress	2.30
$\frac{1}{2}$ x 3 $\frac{1}{2}$	Clear Cypress	2.55
$\frac{1}{2}$ x 5 $\frac{1}{2}$	Clear Cypress	2.65
$\frac{1}{2}$ x 3 $\frac{1}{2}$	Clear Redwood	2.60
$\frac{1}{2}$ x 5 $\frac{1}{2}$	Clear Redwood	2.65
$\frac{1}{2}$ x 3 $\frac{1}{2}$	Clear Red Cedar	3.00
$\frac{1}{2}$ x 5 $\frac{1}{2}$	Clear Yellow Pine	2.55
$\frac{1}{2}$ x 3 $\frac{1}{2}$	Clear Yellow Pine	2.20

Fir Stepping

Made of Clear grade, Edge-grain Fir, planed on both sides, especially good for making steps on account of its wear- and weather-resisting qualities. Furnished in mixed lengths from 10 to 16 feet. Weight, about 260 pounds per 100 feet, board measure.

Prices, per 100 feet, board measure.

$\frac{1}{4}$ x 10 inches\$5.55
 $\frac{1}{4}$ x 12 inches5.60

Flooring

Tongued and Grooved



Flat Grain Yellow Pine Flooring

Our Clear Grade is the highest flat-grain Yellow Pine flooring that is usually furnished. The C or No. 1 grade is the next grade and is suitable for medium-class buildings. The No. 2 grade is used on cheap jobs and for sheathing. Finished size, thickness, $\frac{1}{2}$ inch, face, 3 $\frac{1}{4}$ inches, or $\frac{1}{2}$ inch by 5 $\frac{1}{4}$ -inch face. Made from 1x4 and 1x6 inch lumber, and measured as such.

In estimating the amount of flooring required, figure the number of square feet of surface to be covered and add about $\frac{1}{4}$ if you are ordering 4-inch flooring, or about $\frac{1}{2}$ if you order 6-inch flooring. Weight, about 220 pounds per 100 feet, board measure.

Prices, per 100 feet, board measure.

Size, Inches	Grade	Price
$\frac{1}{2}$ x 3 $\frac{1}{4}$	Clear	\$3.00
$\frac{1}{2}$ x 3 $\frac{1}{4}$	C or No. 1	2.70
$\frac{1}{2}$ x 3 $\frac{1}{4}$	No. 2	2.00
$\frac{1}{2}$ x 5 $\frac{1}{4}$	Clear	3.35
$\frac{1}{2}$ x 5 $\frac{1}{4}$	C or No. 1	2.80
$\frac{1}{2}$ x 5 $\frac{1}{4}$	No. 2	2.30

EDGE-GRAIN FLOORING, also known as Quarter Sawed Yellow Pine, Straight Grain and Rift Sawed in various sections of the country. Suitable for high-grade work, especially where the floors are not to be carpeted, for dance floors, halls and other buildings that are subjected to hard use. Our Clear grade is the best grade usually furnished and our C grade is also a good, serviceable grade. Weight, about 220 pounds per 100 feet, board measure.

Edge-Grain Flooring.

Size, Inches	Grade	Price
$\frac{1}{2}$ x 3 $\frac{1}{4}$	Clear	\$3.80
$\frac{1}{2}$ x 3 $\frac{1}{4}$	C	3.10

Special Yellow Pine Flooring

This is a special Yellow Pine Flooring made from 1x3 inch stock. Finished size, thickness, $\frac{1}{2}$ inch; face, 2 $\frac{1}{4}$ inches. We sell it as a clear-grade, flat-grain flooring, and there is considerable edge-grain flooring in it so that it really represents a special value.

Shipping weight, about 220 pounds per 100 feet, board measure.

Prices, per 100 feet, board measure, size $\frac{1}{2}$ by 2 $\frac{1}{4}$ inches, Clear\$3.15

Fir Porch Flooring

Made of Clear, Edge-Grain Fir. On account of its wear-resisting qualities, Fir makes an ideal flooring for porches which are exposed alternately to rain and sun. Fir has a hard grain and wears well even when given hard usage. Furnished in two sizes. Finished size, $\frac{1}{2}$ inch by 3 $\frac{1}{4}$ inches, is made from 1x4 inch stock, and the finished size, $\frac{1}{2}$ by 3 $\frac{1}{4}$ inches, is made from 1 $\frac{1}{2}$ x 4 inch stock.

Fir Porch Flooring.

Prices per 100 feet, board measure.

Size, Inches	Prices	Shipping weight per 100 feet
$\frac{1}{2}$ x 3 $\frac{1}{4}$	\$4.50	200
$\frac{1}{2}$ x 3 $\frac{1}{4}$	5.25	220

Yellow Pine Finishing Lumber

Clear grade. For inside and outside work. Planed on both sides to uniform thickness. Actual thickness, about $\frac{1}{2}$ inch, measured 1 inch, and $\frac{1}{4}$ inch, measured $\frac{1}{2}$ inch. Weight of size 1x12, about 240 pounds per 100 lineal feet. Actual widths, about $\frac{1}{2}$ inch less. Mixed lengths only, not specified lengths.

Prices per 100 lineal feet.

Width, Inches	Price, 1 Inch Thickness	Price, $\frac{1}{4}$ Inch Thickness
4	\$1.15	\$1.70
6	1.50	2.15
8	1.80	2.55
10	2.20	3.45
12	4.00	5.60

Cypress Finishing Lumber

Especially suitable for outside work on account of its weather-resisting qualities. Planed on both sides to uniform thickness. Made from 1-inch lumber; actual thickness about $\frac{1}{2}$ inch. Furnished in mixed lengths from 10 to 20 feet. Clear is the best grade usually furnished. C grade is the next grade commonly used for cornice. Weight of 12-inch size, about 240 pounds per 100 lineal feet. Actual widths, about $\frac{1}{2}$ inch less.

Prices per 100 lineal feet.

Size, Width, Thickness, Inches	Price, Clear Grade	Price, "C" Select Grade
1 x 4	\$1.50	\$1.30
1 x 5	2.10	1.45
1 x 6	2.40	1.55
1 x 8	3.25	2.90
1 x 10	4.05	3.65
1 x 12	5.10	4.85
$\frac{1}{2}$ x 4	3.90	1.75
$\frac{1}{2}$ x 5	3.95	1.95
$\frac{1}{2}$ x 6	3.15	2.80
$\frac{1}{2}$ x 8	4.25	3.80
$\frac{1}{2}$ x 10	5.25	4.80
$\frac{1}{2}$ x 12	6.65	6.25

Ceiling



Measured as 1x4-inch lumber, finished thickness, as listed below; finished width, 3 $\frac{1}{4}$ inches. Dressed and Matched and Beaded on one side. Furnished in mixed lengths from 10 to 16 feet. Weight of $\frac{1}{2}$ -inch thickness, about 150 pounds per 100 feet; $\frac{3}{4}$ -inch, slightly less.

No. 2 grade suitable for cheap work only.

Prices per 100 feet, board measure.

Size, Inches	Grade	Price
$\frac{1}{2}$ x 3 $\frac{1}{4}$	Clear Yellow Pine	\$2.20
$\frac{1}{2}$ x 3 $\frac{1}{4}$	Select Yellow Pine	1.90
$\frac{1}{2}$ x 3 $\frac{1}{4}$	Clear Yellow Pine	2.55
$\frac{1}{2}$ x 3 $\frac{1}{4}$	Select Yellow Pine	2.25
$\frac{1}{2}$ x 3 $\frac{1}{4}$	No. 2 Yellow Pine	1.80

Partition



Made from 1x4-inch lumber. Dressed and Matched to $\frac{3}{4}$ x 3 $\frac{1}{4}$ -inch. Furnished in mixed lengths from 10 to 16 feet. Weight, about 160 pounds per 100 feet.

Prices per 100 feet, board measure.

Size, Inches	Grade	Price
$\frac{3}{4}$ x 3 $\frac{1}{4}$	Clear Yellow Pine	\$3.00
$\frac{3}{4}$ x 3 $\frac{1}{4}$	No. 1 Yellow Pine	2.75
$\frac{3}{4}$ x 3 $\frac{1}{4}$	Clear Fir	3.40

SEND US YOUR LIST FOR OUR CARLOAD PRICES

Lumber — Lumber — Lumber

Lumber in Less Than Carloads

Prices quoted on this page are for convenience in ordering small quantities. For carload lots consisting of 12,000 to 15,000 feet, equalling 30,000 to 34,000 pounds or more, we will quote special prices upon application. Make up your list plainly, stating for what purpose various items will be used.

Prices are Based on Shipping Material from Southern Illinois

Lumber values fluctuate constantly, so that all prices on this page are subject to market changes. They are prevailing prices at the time that this book goes to press. We always give our customers the benefit when market declines, and prices will not be raised unless they advance.

Other Shipping Points

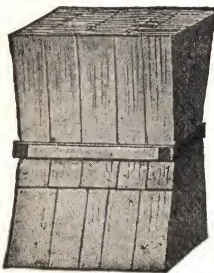
We can ship carload orders of Yellow Pine lumber from Southern Mills, and Fir from the Pacific Coast. If you live in the Southwestern or Western States and need a carload of lumber, lath and shingles, send us your list for our delivered carload price. Carload orders only from Southern Mills and Pacific Coast.

Grades of Lumber

Our lumber is graded in accordance with the grading rules of the Manufacturers' Association, adopted as the official standard of quality, and is always equal to or better than the grade specified.

Shingles

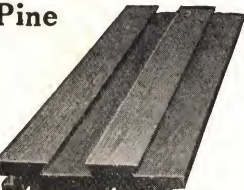
Red Cedar Shingles from the Pacific Coast. The standard shingle for many years. Length, 16 inches. Width varies from 4 inches up to 15 or 16 inches. Shingles are designated by grade and by thickness, which is measured at the butts. On our Extra Clear, 5 to 2 shingles, the butts of 5 shingles placed together will measure 2 inches. Extra Star A Star shingles are slightly thinner than 5 to 2. Prices are per bunch. See explanation below.



Red Cedar Shingles	Price Per Bunch	Weight Per Bunch
Extra clear 5 to 2	\$1.00	45 lbs.
Extra Star A Star	.90	40 lbs.

Red Cedar Shingles are packed in a form about 20 inches wide and about 25 double courses high, an open space of 1½ inches being allowed in each course. They are commonly sold by the thousand, 4 bunches being considered a thousand, or 250 per bunch, if they were all about 4 inches wide. Since most of them are wider than about 4 inches, it naturally follows that a bunch will contain less than 250, the exact amount depending upon the various widths being packed. See explanation above.

Byrkit Patent Lath Yellow Pine



278X3020
For sheathing and plastering purposes. Furnished in mixed lengths from 4 to 16 feet. Weight, about 160 pounds per 100 feet, board measure.
¾x4 inches, per 100 feet, board measure.....\$1.75

Saved Several Hundred Dollars

St. James, Minn.
Montgomery Ward & Co.
Gentlemen:
The lumber order you shipped me is simply fine and I feel that I have saved several hundred dollars on this transaction.
Mr. A. J. Runge.

Saved \$300.00

Medora, Ind.
Montgomery Ward & Co.,
Dear Sirs: We have just completed an eight-room house with two large porches, and all the materials, including paint and varnish, were purchased from you, excepting brick, plaster and cement.
By getting our material from you and hiring our carpenters we saved three hundred dollars (\$300.00) above our contractor's price. We were well pleased with the material—everything just as represented.
Yours truly,
FLOYD MOTSINGER.

Send us your list for our Carload Prices.

Lath

Standard manufactured lath. Our Yellow Pine Lath are made of the soft, Short-Leaf variety, kiln-dried and soda dipped. Strictly No. 1 grade. Width, 1⅝ inches; thickness, ⅜ inch. Two standard lengths, 32 inches, and 4 feet. Packed 50 lath to the bundle. Twenty bundles make 1,000. Weight, about 500 pounds per 1,000 for 4-foot length.

Cypress lath same size and weight.



278X3022

Lath—price per 1,000.

Size, Inches	Length	Kind	Price Per 1,000
¾x1 ⅝	4 ft.	No. 1 Yellow Pine	\$3.70
¾x1 ⅝	4 ft.	No. 2 Yellow Pine	3.25
¾x1 ⅝	32 in.	No. 1 Yellow Pine	2.40
¾x1 ⅝	4 ft.	No. 1 Cypress	5.15

O. G. and Flat Battens

Clear Grade

Soft Arkansas Pine. Prices, per 100 lineal feet, in mixed lengths; average weight, about 30 pounds.



278X3024

Size, Inches	Design	Prices per 100 lineal feet
½ x 3	Flat	60 c
1½ x 2 ¼	O. G.	80 c

Grounds, Bridging, Furring and Shingle Lath

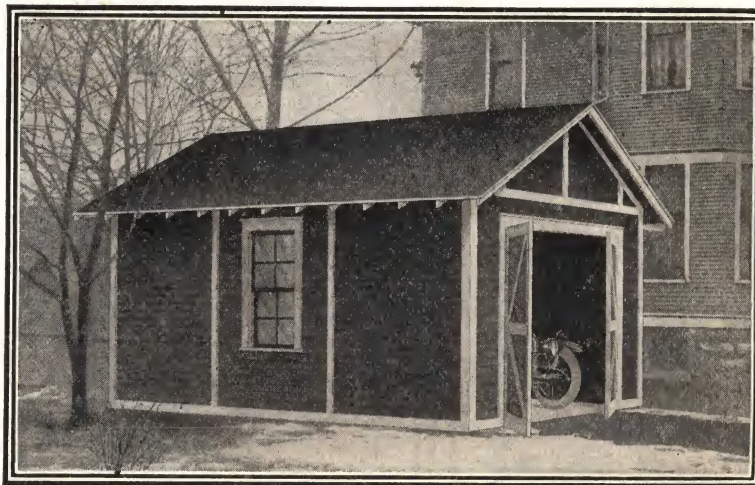
278X3016

Prices, per 100 lineal feet; weight, 2x2, about 10 pounds per 100 lineal feet.

Yellow Pine—Dressed to standard thickness.

Size, Inches	Price	Size, Inches	Price
1 x 1	\$0.30	1 x 3	\$0.65
1 x 2	.45	2 x 2	.90

Ready-Made Garage No. 355 B. M. Size 10 feet x 12 feet—Price, \$81.00



Ready-Made Garage, No. 355, B. M. — Other Sizes and Designs Shown in Our Book of Homes. No Floor Included in Price Quoted

You can buy a Ready-Made House or Garage, and set it up yourself in a short time with the aid of a handy man. No sawing, no expensive labor. A hammer and wrench are about the only tools required.

Our Ready-Made houses and Garages save you money in many ways. They are shipped from St. Louis, which gives you the benefit of the wholesale prices we quote on lumber. Practically all the labor of putting up a house or garage

that usually costs so much is done at the factory by machine work in large quantities. If you can handle a hammer and a wrench you can put up one of these buildings without any high-priced help.

The above is only one of the designs we offer. Our Book of Homes gives complete descriptions and specifications and quotes low prices. Mailed promptly upon request. Send for it today.

Health

Window Screens

Safety

Ready-Made Screens

Substantial, strongly made screens at prices that save you money.

Made of Selected Northern Pine, thoroughly seasoned. Thickness, 1½ inches. Stiles or side pieces and top rail are 2 inches wide; center rail 1 inch wide; bottom rail 3½ inches wide. Mortised and tenoned joints.

High quality black wire cloth, standard gauge, 12 mesh to the inch. For prices on galvanized screens, see Made-to-Order Screens. Securely fastened to the frame and the edges covered with beaded moulding. Entire frame finished with one coat of black paint.

Below are shown window screens for two-light windows in the sizes that are carried in stock at factory. These sizes are slightly wider and about ¾ inch longer than the windows, which is to allow for trimming and fitting. Select sizes according to the glass sizes of your windows and order by Article No. 278X3180. For example: 10 Window Screens 278X3180 for 24x24 2-light windows at 77c, \$7.70

Average shipping weight, 8 to 10 pounds.

For Galvanized Screens, add 2 cents per square foot to the price of black wire. For instance: Size 2 feet 6 inches by 5 feet 2 inches in galvanized wire.....\$1.12 Shipped from factory in Southeastern Minnesota.

Made-to-Order Screens

Sizes not listed in Ready-Made Screens can be made to order. Measure the opening in which screens are to be placed, the same as you would for storm sash. Refer to the table below and take the price of the screen having the next largest width and the next largest length. For instance: A screen 2 feet 7 inches wide and 4 feet 8 inches long would take the price of the listed size, 2 feet 8½ inches wide and 4 feet 10½ inches long, which is 85c. We make full size screens slightly wider and about ¾ of an inch longer than windows for which they are intended, to allow for fitting. Thickness, 1½ inches. Average shipping weight, 8 to 10 pounds.

In ordering Made-to-Order full size screens be sure to use Article No. 278X3184.

Cottage Windows—In ordering screens for Cottage Windows, give us the dimensions as stated above and also the height of glass in the upper sash, so we will know where the cross bar should be placed.

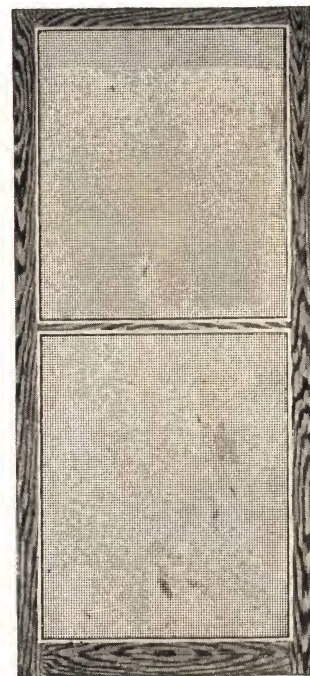
Half Size Screens, for lower sash only, black wire: thickness of frames, ¾ or 1½ inch thick; grooved on each side and furnished with sliding strips to be nailed on the blind stop, making a close fit against the top sash. Order by No. 278X3185.

Give exact outside measure, width and height. Measure on outside from the sill to top of meetingrail. We will ship 1½ inch thickness unless ¾ is ordered.

Size, 2 feet by 3 feet or smaller, each.....60c
Size, 3 feet by 3 feet or smaller, each.....75c
Size, 3 feet 6 inches by 3 feet 6 inches or smaller, each.....95c

Can also be made without grooves or strips at same price as above. If wanted this way, be sure to say so and order by No. 278X3186.

Order stock sizes below. If your opening is not more than ½ inch narrower nor more than 1 inch shorter you can trim them down to fit.



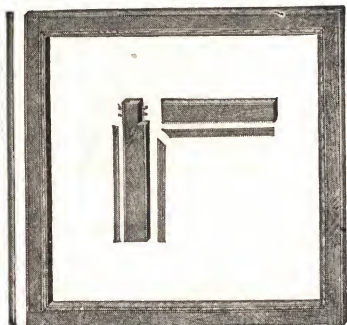
Allow about 15 days to make "Make-to-order" Screens

278X3180 Ready-Made Screens to Fit Two-Light Windows

Size of Glass in Windows Inches	Outside Measurements of Screen Width Length Feet Inches Feet Inches	Price Per Screen	Size of Glass in Windows Inches	Outside Measurements of Screen Width Length Feet Inches Feet Inches	Price Per Screen	Size of Glass in Windows Inches	Outside Measurements of Screen Width Length Feet Inches Feet Inches	Price Per Screen
18 x 18.....	1-10¼ x 3-6¾	\$0.61	26 x 20.....	2-6¼ x 3-10¾	\$0.78	32 x 40.....	3-0¼ x 7-2¾	\$1.48
18 x 20.....	1-10¼ x 3-10¾	.65	26 x 22.....	2-6¼ x 4-2¾	.80	34 x 28.....	3-2¼ x 5-2¾	1.02
18 x 22.....	1-10¼ x 4-2¾	.68	26 x 24.....	2-6¼ x 4-6¾	.83	34 x 30.....	3-2¼ x 5-6¾	1.08
18 x 24.....	1-10¼ x 4-6¾	.69	26 x 26.....	2-6¼ x 4-10¾	.86	34 x 32.....	3-2¼ x 5-10¾	1.26
18 x 26.....	1-10¼ x 4-10¾	.70	26 x 28.....	2-6¼ x 5-2¾	.86	34 x 34.....	3-2¼ x 6-2¾	1.37
18 x 28.....	1-10¼ x 5-2¾	.74	26 x 30.....	2-6¼ x 5-6¾	.90	34 x 36.....	3-2¼ x 6-6¾	1.38
18 x 30.....	1-10¼ x 5-6¾	.77	26 x 32.....	2-6¼ x 5-10¾	.95	34 x 38.....	3-2¼ x 6-10¾	1.42
18 x 32.....	1-10¼ x 5-10¾	.81	26 x 34.....	2-6¼ x 6-2¾	1.03	34 x 40.....	3-2¼ x 7-2¾	1.46
20 x 20.....	2-0¼ x 3-10¾	.67	26 x 36.....	2-6¼ x 6-6¾	1.05	36 x 24.....	3-4¼ x 4-10¾	1.18
20 x 22.....	2-0¼ x 4-2¾	.69	28 x 28.....	2-8¼ x 4-6¾	.84	36 x 26.....	3-4¼ x 5-2¾	1.20
20 x 24.....	2-0¼ x 4-6¾	.70	28 x 26.....	2-8¼ x 4-10¾	.86	36 x 30.....	3-4¼ x 5-6¾	1.21
20 x 26.....	2-0¼ x 4-10¾	.72	28 x 28.....	2-8¼ x 5-2¾	.88	36 x 32.....	3-4¼ x 5-10¾	1.27
20 x 28.....	2-0¼ x 5-2¾	.75	28 x 30.....	2-8¼ x 5-6¾	.97	36 x 34.....	3-4¼ x 6-2¾	1.33
20 x 30.....	2-0¼ x 5-6¾	.79	28 x 32.....	2-8¼ x 5-10¾	1.00	36 x 36.....	3-4¼ x 6-6¾	1.38
20 x 32.....	2-0¼ x 5-10¾	.83	28 x 34.....	2-8¼ x 6-2¾	1.03	36 x 38.....	3-4¼ x 6-10¾	1.43
20 x 34.....	2-0¼ x 6-2¾	.89	28 x 36.....	2-8¼ x 6-6¾	1.08	36 x 40.....	3-4¼ x 7-2¾	1.64
20 x 36.....	2-0¼ x 6-6¾	.92	28 x 38.....	2-8¼ x 6-10¾	1.08	38 x 24.....	3-8¼ x 4-6¾	1.28
22 x 20.....	2-2¼ x 3-10¾	.68	28 x 40.....	2-8¼ x 7-2¾	1.11	40 x 24.....	3-8¼ x 4-10¾	1.29
22 x 22.....	2-2¼ x 4-2¾	.70	30 x 24.....	2-10¼ x 4-6¾	.90	40 x 26.....	3-8¼ x 5-2¾	1.30
22 x 24.....	2-2¼ x 4-6¾	.71	30 x 26.....	2-10¼ x 4-10¾	.94	40 x 30.....	3-8¼ x 5-6¾	1.32
22 x 26.....	2-2¼ x 4-10¾	.75	30 x 28.....	2-10¼ x 5-2¾	.95	40 x 32.....	3-8¼ x 5-10¾	1.38
22 x 28.....	2-2¼ x 5-2¾	.82	30 x 30.....	2-10¼ x 5-6¾	.98	40 x 34.....	3-8¼ x 6-2¾	1.46
22 x 30.....	2-2¼ x 5-6¾	.86	30 x 32.....	2-10¼ x 5-10¾	1.08	40 x 36.....	3-8¼ x 6-6¾	1.50
22 x 32.....	2-2¼ x 5-10¾	.90	30 x 34.....	2-10¼ x 6-2¾	1.09	40 x 38.....	3-8¼ x 6-10¾	1.72
22 x 34.....	2-2¼ x 6-2¾	.93	30 x 36.....	2-10¼ x 6-6¾	1.15	40 x 40.....	3-8¼ x 7-2¾	.80
22 x 36.....	2-2¼ x 6-6¾	.97	30 x 38.....	2-10¼ x 6-10¾	1.18	44 x 24.....	4-0¼ x 4-6¾	1.40
24 x 20.....	2-4¼ x 3-10¾	.71	30 x 40.....	2-10¼ x 7-2¾	1.20	44 x 26.....	4-0¼ x 4-10¾	1.43
24 x 22.....	2-4¼ x 4-2¾	.73	32 x 24.....	3-0¼ x 4-6¾	1.07	44 x 28.....	4-0¼ x 5-2¾	1.44
24 x 24.....	2-4¼ x 4-6¾	.77	32 x 26.....	3-0¼ x 4-10¾	1.09	44 x 30.....	4-0¼ x 5-6¾	1.45
24 x 26.....	2-4¼ x 4-10¾	.82	32 x 28.....	3-0¼ x 5-2¾	1.12	44 x 32.....	4-0¼ x 5-10¾	1.50
24 x 28.....	2-4¼ x 5-2¾	.85	32 x 30.....	3-0¼ x 5-6¾	1.20	44 x 34.....	4-0¼ x 6-2¾	1.56
24 x 30.....	2-4¼ x 5-6¾	.88	32 x 32.....	3-0¼ x 6-2¾	1.23	44 x 36.....	4-0¼ x 6-6¾	1.78
24 x 32.....	2-4¼ x 5-10¾	.91	32 x 34.....	3-0¼ x 6-6¾	1.29	44 x 38.....	4-0¼ x 6-10¾	1.90
24 x 34.....	2-4¼ x 6-2¾	.95	32 x 36.....	3-0¼ x 6-10¾	1.34	44 x 40.....	4-0¼ x 7-2¾	1.96
24 x 36.....	2-4¼ x 6-6¾	.99						

Shipped only from factory in Southeastern Minnesota.

Window Screen Frames



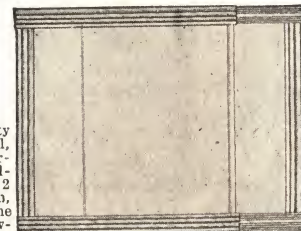
This frame is made heavy and substantial, from selected white pine or basswood. Size of sticks, ¾x1½ inches. The side pieces are grooved in the outer edges. Slide-sticks for fastening to the window casings are furnished, also raised moldings for covering the edge of the wire cloth; bored two holes in each end of the frame for nails.

The construction is very simple and the frame is easily put together, and when made up looks like a regular custom or made-to-order screen.

Soft Wood—Easily Worked

178X3187—Size: Width, 36 inches. Height, 36 inches. Price.....\$0.24
178X3188—Dozen.....2.64
178X3189—Size: Width, 42 inches. Height, 42 inches. Price.....\$0.29
178X3190—Dozen.....3.25

Extension Window Screens

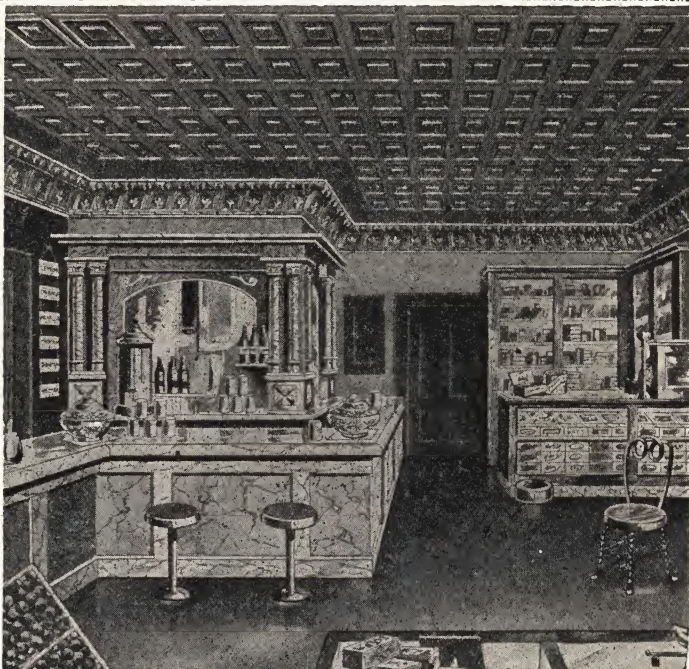


Made of best quality hardwood, finished in oil, beaded both sides. Perfect adjustment. Best quality black wire cloth, 12 mesh to the square inch, securely fastened to the frame and the edges covered with molding. Shipping weight, each, about 4 pounds.

178X3195—Size: 24 inches high by 23 inches wide, adjusting to 37 inches wide. Each.....\$0.32
178X3196—Per dozen.....3.58
178X3197—Size: 30 inches high by 23 inches wide, adjusting to 37 inches wide. Each.....\$0.38
178X3198—Per dozen.....3.25

Metal Ceilings

Artistic, Durable, Fire-Proof, Economical

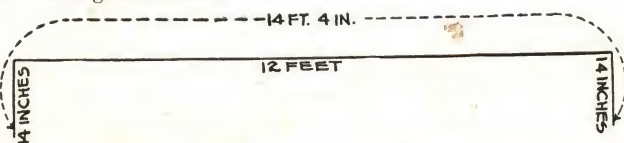


The illustrations above show the uses of metal ceiling in the home and in the place of business. Metal ceilings have, for a long time, been used extensively in business houses of all kinds, where their advantages over any other form of wall covering are obvious. They are now being specified extensively in high class residences and can be highly recommended for this pur-

pose. They are sanitary, clean, durable, economical and fire-proof. The ceilings and sidewalls shown in these pages are made of high grade steel, and the patterns are stamped in clear-cut, handsome designs. No matter what your purpose, we feel sure you can select a pattern that will suit you in every respect.

How to Measure for Metal Ceiling

In each description of metal ceilings given on the following pages we show the drop of the cornice, or in other words the distance the cornice extends down the side wall. In figuring the amount of ceiling required it is necessary to add twice the amount of this drop to the length, and twice the amount to the width of the room. This is readily understood when you glance at the diagram below.



This diagram shows a room 12 feet wide with a cornice having a drop of 14 inches. You can see, therefore, that the actual width of the space to be covered is 12 feet plus two times the drop cornice (making 28 inches or 2 feet 4 inches) or a total of 14 feet 4 inches. Therefore, if, for example, we take a room 12 feet square and figure a ceiling with a cornice having a 14 inch drop, we must multiply the width, 14 feet 4 inches, by the length, 14 feet 4 inches, which gives the number of square feet of ceiling required, or 205½ square feet.

From this, therefore, we get the following rule for measuring metal ceiling: add two times the drop of the Cornice to both the width and length of the room; multiply these dimensions together, which gives you the number of square feet of ceiling to be ordered.

This applies where the room is square or oblong, or nearly so in shape. If the room is quite irregular we recommend that you send us a sketch and complete measurements and we will tell you just what the ceiling will cost you before you order.

Above Instructions do Not Apply Where Prices are Shown Separate for Field and Cornice, Such as 278X3392-94-96

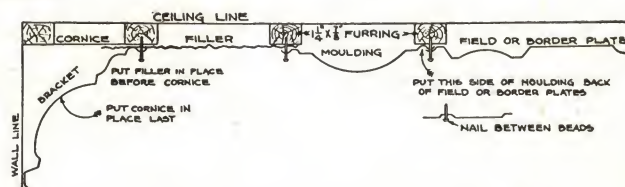
In the description of each design we tell you the various parts of which the ceiling is composed. In addition, the prices quoted include Wooden Brackets where necessary and special Cone Head Nails for applying the ceiling. Wooden Brackets are wooden supports cut to the same shape as the Cornice and used to hold the Cornice stiff and solid. They are not necessary on the smaller designs. With each order we also send you a regular detail drawing, giving full instructions as to the proper way to erect the ceiling.

How to Order Metal Ceilings and Sidewalls

In ordering Metal Ceiling and Sidewalls it is always necessary to send a sketch showing shape of the room and complete measurements. In giving measurements both ends and sides should be given, because it quite often happens that the building is not exactly square. For sidewalls be sure to show the location of doors, windows, vestibules, chimneys and other offsets, also give the distance from the tops of the doors and windows to the ceiling and the distance from the bottom of the windows to the floor; also the height of the walls and the height of the baseboard.

How to Apply Metal Ceiling

The first thing we recommend doing is to lay out the ceiling on the floor according to the detailed drawing that we send you with each order. A study of the diagram below will show you the meaning of the various terms used and how the ceiling is applied.



The Field or main body of the ceiling should be applied first. Begin at one corner and apply the Field across and along the room, keeping the lapping edges running away from the windows or wherever the light enters the room. This is important because each piece should be carefully lapped so that the beads or joints will be straight and true, and the joints will then be practically invisible. Next, put on the Filler, and lastly the Cornice, which drops down on the wall and is supported by the wooden Bracket. The Moulding shown in the diagram above is not included in any of the designs shown on these pages and may, therefore, be ignored.

The ceiling should be nailed at intervals of about 6 inches, with small, cone-head nails that are furnished with the ceiling. Where there are more than two thicknesses of metal, use a sharp punch for making nail holes; close or swedge with a small dull tool any joints which may not have lapped tightly.

Furring Strips

These are soft wood strips, size, 1¼x½ inches, which are nailed to the walls and ceilings and to which the joints of the metal ceiling are nailed. Furring strips are not included in the price of ceiling but are quoted below.

About 100 lineal feet are required for each square of ceiling. Shipping weight, per 100 feet, about 20 pounds.

278X3388—Soft Wood Furring Strips, size, 1¼x½ inches.

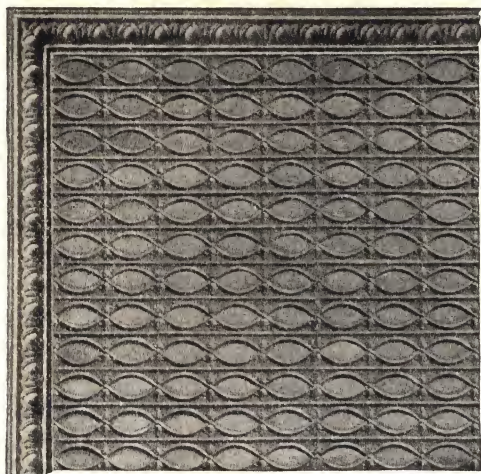
Per 100 lineal feet.....50c

Shipped with ceiling from factory in Ohio only.

Metal Ceilings — Sidewalls

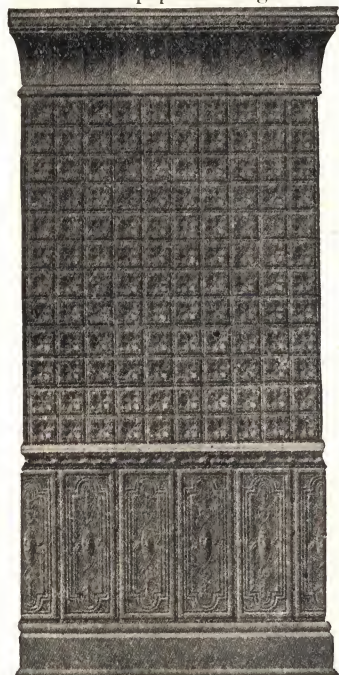
Pleasing — Sanitary — Easy to Apply

Prices subject to market changes. Write for prices on any reasonably large quantity.



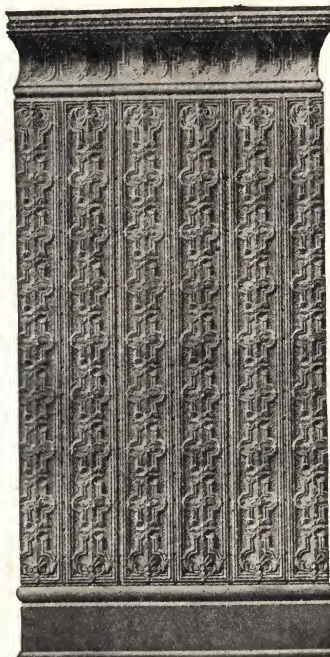
278X3392—Price for center field, per 100 square feet\$3.00
Furnished in sheets 24x96. We do not cut the sheets.

278X3391—Price for Cornice, which drops 4¼ inches on wall, per 100 lineal feet, 2½c.
No mitres or wood brackets furnished. One of our most popular designs. A very low price.



278X3395—Price, per 100 square feet\$4.00

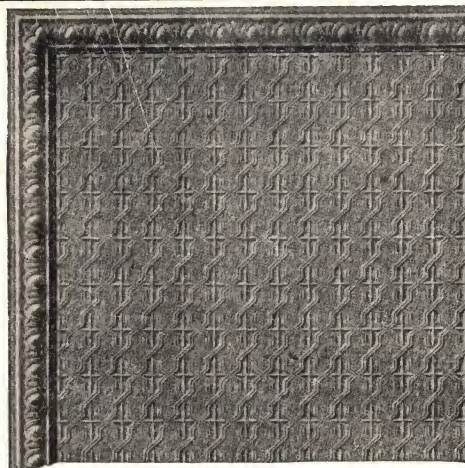
Consists of Sidewall, Chair Rail and Wainscot. Cornice is part of ceiling. (Base is not included unless ordered separately. Price on request.) Height of Wainscot, 32 inches. Width of Chair Rail, 6 inches.



278X3393—Sidewall. Price, per 100 square feet.....\$4.00

This design consists of one part only. Cornice is part of ceiling. (Metal Base is not included unless ordered separately. Prices quoted on request.) See directions for ordering. We recommend using wood base, listed on pages 34 and 36.

Metal Ceilings and Sidewalls shipped from Northern Illinois or Ohio factory. Shipping weight, per 100 square feet, 65 pounds.



278X3396—Price for center field, per 100 square feet\$3.10

Furnished in sheets 24x96. We do not cut the sheets.

278X3399—Price for Cornice, which drops 4¼ inches on wall, per 100 lineal feet, 2½c.

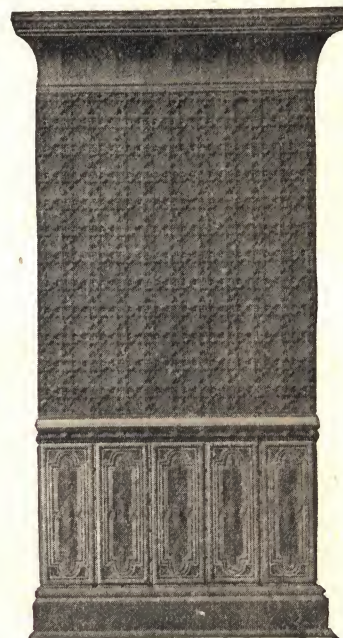
When ordering border on 278X3392-94-96 order a few feet extra border for corner mitres.

Prices subject to market changes. If price goes down, you will receive proper reduction.



278X3394—Price for center field, per 100 square feet\$3.00
Furnished in sheets 24x96. We do not cut the sheets.

278X3397—Price for Cornice, which drops 4¼ inches on wall, per 100 lineal feet, 2½c
Another very pleasing and popular design. No mitres or wood brackets furnished.



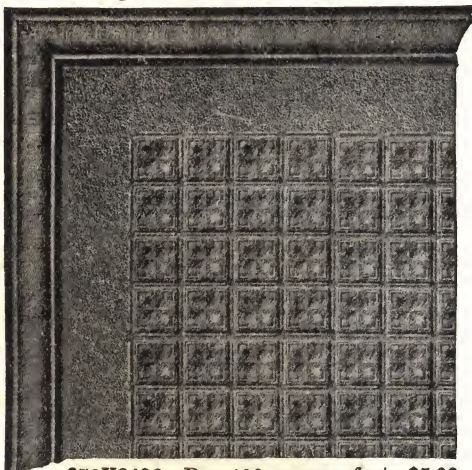
278X3398—Sidewall. Price, per 100 square feet\$4.00

Composed of Sidewall, Chair Rail and Wainscot. Cornice is part of ceiling. (Metal Base not included, but will be quoted on request.) Height of Wainscot, 32 inches. Width of Chair Rail, 6 inches.

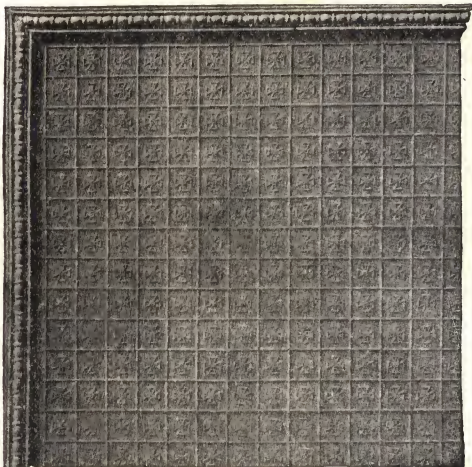
Metal Ceilings



278X3432—Per 100 square feet.....\$5.75
Composed of Cornice Filler and Field.
Cornice drops 16 inches on wall.



278X3436—Per 100 square feet. \$5.00
Composed of Cornice, Filler and Field.
No brackets. Cornice drops 4 inches on wall.



278X3440—Price for center field per 100 square feet.....\$3.00
278X3441—Price of Cornice, which drops 2 1/4 inches on wall, per lineal foot.....2 1/2 c
No mitres or wood brackets furnished.

Prices subject to market changes. If price goes down, you will receive proper reduction.

Artistic Designs

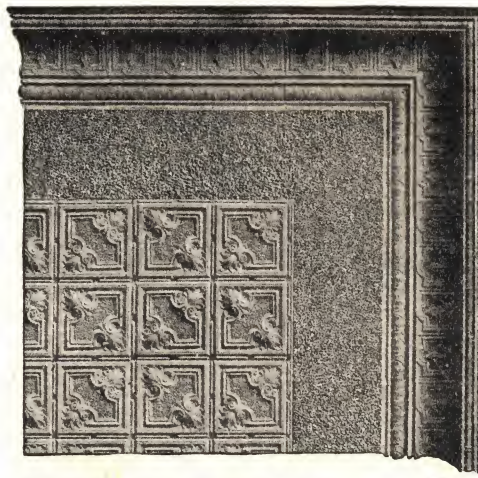
In these three pages will be found a line of the most popular and approved designs. Pictures often fail to do justice to the beauty of a pattern, but we feel sure that you can make a satisfactory selection from the assortment we offer.

Most of the designs shown on this page are especially suitable for the smaller sized rooms. Remember, the parts of various designs can often be interchanged, so if you want a different combination of cornice, filler or field, write and ask us about it.

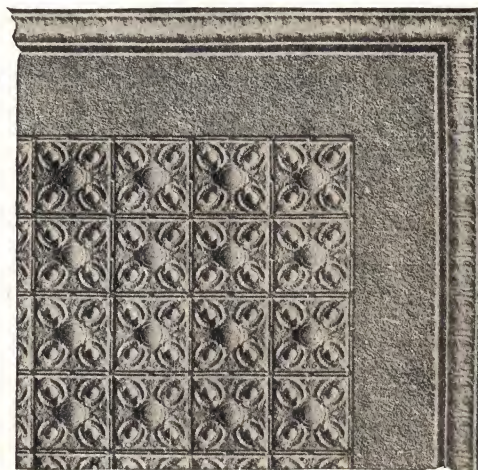
Important. See directions for ordering on page 70.

Shipping Weight. Metal Ceilings, carefully packed for shipment, weigh about 65 pounds per hundred square feet.

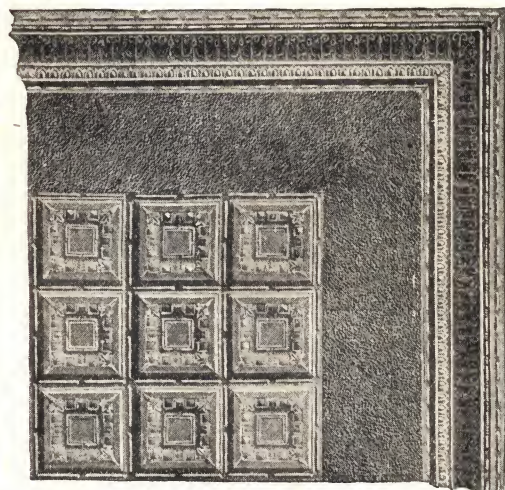
All Metal Ceilings shipped from factory in Ohio or Northern Illinois.



278X3434—Per 100 square feet.....\$5.25
Composed of Cornice, Filler and Field.
Cornice drops 9 1/2 inches on wall.



278X3438—Per 100 square feet.....\$5.00
Composed of Cornice, Filler and Field.
No brackets. Cornice drops 4 inches on wall.



278X3442—Per 100 square feet.....\$5.10
Composed of Cornice, Filler and Field.
Cornice drops 3 1/4 inches on wall.

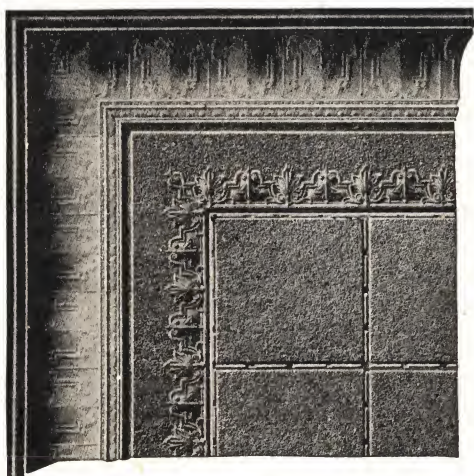
Why not build that new porch you have been thinking about so long?

K Montgomery Ward & Co.

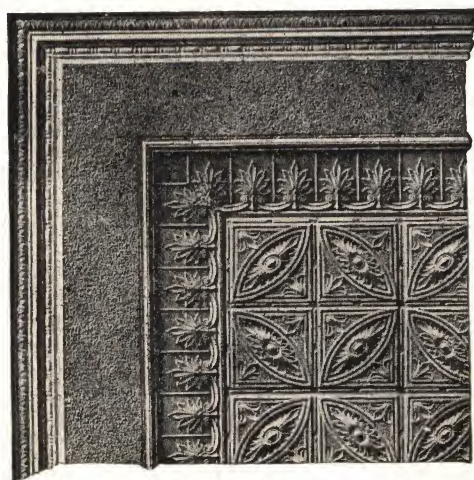
Metal Ceilings



278X3444—Per 100 square feet.....\$5.75
Composed of Cornice, Filler and Field.
Cornice drops 16 inches on wall.



278X3448—Per 100 square feet.....\$5.70
Composed of Cornice, Filler and Field.
Cornice drops 13½ inches on wall.



278X3452—Per 100 square feet.....\$5.10
Composed of Cornice, Filler and Field.
Cornice drops 5 inches on wall.

Prices are subject to market changes. Write for price first on any large quantity.

Easy to Apply

Metal ceilings are easy to apply. See directions on page 70. With each order we furnish more complete directions and a regular Detail Drawing showing where each piece belongs. A small amount of fitting, such as around chimneys and corners, must, of course, be done right on the job by the person doing the work.

Send Sketch of Room. In ordering Metal Ceilings be sure to send a rough pen or pencil sketch of room, showing size, shape and location of offsets. See Directions for Ordering on page 70.

Don't forget that parts of various patterns may be interchanged. If you want a different combination of Cornice, Filler and Field, write us about it.

Shipping Weight. Metal Ceilings, carefully packed for shipment, weigh about 65 pounds per hundred square feet.

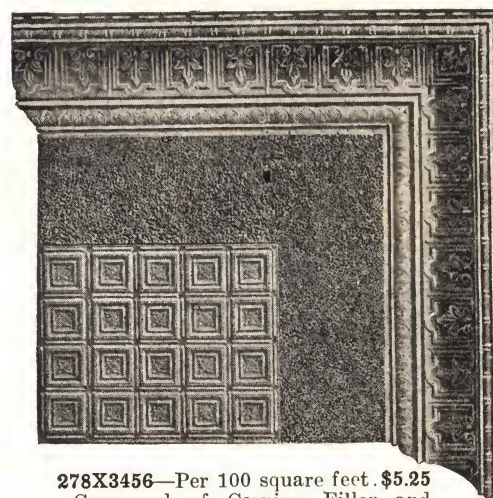
All Metal Ceilings shipped from factory in Ohio or Northern Illinois.



278X3446—Per 100 square feet.....\$5.75
Composed of Cornice, Filler and Field.
Cornice drops 16 inches on wall.



278X3450—Per 100 square feet.....\$6.00
Composed of Cornice, Molded Border and Filler and Field. Cornice drops 6 inches on wall.



278X3456—Per 100 square feet.....\$5.25
Composed of Cornice, Filler and Field. Cornice drops 9½ inches on wall.

Store Fronts



278X3626—Store Front

Doors, Woodwork and Glass, Complete for Wooden Store Front. Woodwork, machined and fitted; glass, fitted and boxed. All ready to set up.

Consists of the following: 2 Front Sash of 2 Lights each, thickness, $1\frac{3}{4}$ inches; 2 Sash for the recess, thickness, $1\frac{3}{4}$ inches (1 light to the sash); 1 Door Transom, thickness, $1\frac{3}{4}$ inches (2 lights); 2 Front Transoms, thickness, $1\frac{3}{4}$ inches (2 lights each); 2 Transoms for the recess, thickness, $1\frac{3}{4}$ inches (1 light each); 1 pair of Store Doors, thickness, $1\frac{3}{4}$ inches (1 light each); 4 O. G. Panels, 4 Posts, 4 Sills, 5 Transom Bars. "A" Quality, Double Strength Glass for entire front. Shipped boxed. Transom Bars, Sills and Posts are made from high-grade Fir, the remainder from White Pine. All woodwork in the white, not filled or varnished.

Weight of size 20 feet wide by 10 feet high, about 1,000 pounds. Write for delivered prices.

Polished Plate Glass. This front can also be furnished with Polished Plate Glass. For prices see table. Specifications are the same as for the above front, except that where above picture shows two lights the plate glass will come in one light.

Width Feet	Height Feet	Size of Store Doors		Double Strength Glass	Polished Plate Glass
		Width Feet	Height Feet		
20	10	5	x 7	\$64.50	\$128.00
22	10	5	x 7	\$69.50	138.00
24	10	5	x 7	74.50	146.00
20	11	5	x 8	70.50	140.00
22	11	5	x 8	77.00	150.00
24	11	5	x 8	83.00	160.00
20	12	5	x 8	76.50	159.00
22	12	5	x 8	84.00	171.00
24	12	5	x 8	88.00	175.00

Shipped from Factory in Iowa



278X3634—Store Front

Doors, Woodwork and Glass Complete for Wooden Store Front. Woodwork machined and fitted, glass fitted and boxed. All ready to set up.

Consists of the following: 2 Front Sash, thickness, $1\frac{3}{4}$ inches (6 lights each); 1 Transom, thickness, $1\frac{3}{4}$ inches (2 lights); 1 pair of Store Doors, thickness, $1\frac{3}{4}$ inches (O. G. panel below and 2 lights above); 2 Posts, 2 Sills, 1 Transom Bar, 2 Panels. "A" Quality, Double Strength Glass for the entire front. Shipped boxed. Transom Bars, Sills and Posts are made of Western Fir, the remainder of White Pine. All woodwork in the white, not filled or varnished.

Weight of size 20 feet wide by 10 feet high, about 1,000 pounds. Write for delivered prices.

Width Feet	Height Feet	Size of Store Doors		Double Strength Glass
		Height Feet	Width Feet	
20	10	5	x 7	\$55.00
22	10	5	x 7	59.50
24	10	5	x 7	61.50
20	11	5	x 7	57.50
22	11	5	x 7	60.50
24	11	5	x 7	64.00
20	12	5	x 8	63.50
22	12	5	x 8	70.00
24	12	5	x 8	71.50

Shipped from Factory in Iowa

Window Glass at Glass Factory Prices

Retailers have made larger profit on window glass than on almost any other single line of merchandise because they buy it in box lots and retail it by the single pane of glass, multiplying the price by three or four. It is not an uncommon thing for a retail dealer to ask 75c or \$1.00 for a pane of glass which costs him 23c or 24c and even when he sells a considerable quantity he generally multiplies his price by two.

Don't pay fancy retail prices for window glass any more because it is entirely unnecessary for you to do so if you will send us your order. We have just concluded arrangements by which we are able to name glass factory prices on the very best grades of window glass and our assortment of sizes is complete and stock very large.

Quality of our Window Glass

The window glass we offer you is sent just as it has come from the factory; just as it has been graded and packed by the factory experts. We do not re-handle this window glass and you are therefore absolutely certain to get the factory grading. We are sending you the exact same quality that we use in glazing the windows we send from our Building Material Department. We offer both single strength and double strength and we guarantee the grade to be absolutely satisfactory. Single strength glass measures about 1/12 of an inch in thickness while double strength glass measures about 1/8 of an inch in thickness. This varies slightly but is approximately correct as the standard glass factory measurements.

We Guarantee Safe Delivery

All window glass is carefully packed at factory in strong boxes and we deliver the merchandise to the railway company in absolutely good order. When the shipment reaches you be careful to examine it to see whether the box contains any broken pieces. If the box rattles, this is an indication that some of the panes have been broken and you should open the box in the presence of the agent and have him write across the face of the freight bill, a statement of the number of lights broken. Accept the shipment after he has made this statement; send freight bill to us and we will immediately replace the glass without expense to you or we will refund the value of the broken glass. Please remember, however, that we will not make good any breakage unless you send us the freight bill with the agent's statement written thereon as indicated above because without this statement we cannot force the transportation company to make good the loss to us. Under this condition, we are guaranteeing safe delivery to you and it is only in rare instances that we receive complaints of breakage because this window glass is so carefully packed that it is practically certain to reach you in perfect condition.

Freight Rates on Glass Are Low

Freight rates for window glass in box lots are very low and amount to almost nothing compared to the big saving we make for you. Do not let anyone lead you to believe that freight charges on window glass or anything else ordered from us will be unreasonable or more than you would save by sending us your order. Dealers and their friends often misstate the facts with reference to freight charges in the hope that our prospective customers may be influenced to withhold their orders. Please remember that freight rates are so reasonable that your savings when buying from us, in almost every instance, are several times transportation charges.

We Charge Extra on Small Orders

If you order less than a box of glass, we have to charge you extra for handling, packing and boxing; therefore, anything less than a full box will be charged at the single light price, and if the order amounts to less than a full box we will make a 25c charge for boxing. Therefore if you should order just a few window lights at a total for the lights of 75c, it will be necessary for you to send us \$1.00 because being less than a box we are compelled to box it special, for which we must make a 25c charge. The economical way is to buy in box lots. If you buy more than a box, we will have to charge you the single light price on the extra lights, but we do not make any extra charge for boxing. Please observe these rules when you order so that there can be no misunderstanding of our terms. Our prices are so extremely low and the margin of profit so very small that you can well afford to observe these rules and take advantage of these factory prices.

About Prices of Window Glass

Prices on glass are entirely dependent upon market conditions, making it impossible to quote a fixed price in this catalogue.

To serve as a guide and merely to give you the approximate cost, we publish herewith the price of glass effective July 1, 1916. We do not guarantee to fill your order at these prices. But at any rate, whether you have our latest list or not, we shall be glad to receive your orders with the understanding that we shall make such advances or reductions in prices as may be made necessary by the market conditions on the day your order is received.

We allow our customers the benefit of all declines in market prices whether asked for or not, and assure you that you will at all times have the benefit of the very lowest prices ruling at the time your order is received.

Table of Sizes and Prices of Window Glass

Sizes up to 16 inches in width and up to 24 inches in length are "B" quality. Balance are "A" quality.

Article Number		No. Lights in Box	Article Number		No. Lights in Box	Article Number		No. Lights in Box	Article Number				
Size	278X3680 S. S. Per Light		278X3681 D. S. Per Light	Size		278X3680 S. S. Per Light	278X3681 D. S. Per Light		Size	278X3680 S. S. Per Light	278X3681 D. S. Per Light		
7x9	\$0.04		\$0.05	11x14		\$3.14	\$4.24	20x22	\$0.40	\$0.49	16	\$4.81	\$6.00
8x10	.05		.07	11x16		3.14	4.24	20x24	.43	.52	15	4.81	6.00
8x12	.06		.09	11x18		3.14	4.24	20x26	.46	.56	13	4.81	6.00
8x14	.07		.10	12x16		3.14	4.24	20x28	.50	.60	13	4.81	6.00
9x12	.07		.09	12x18		3.14	4.24	20x30	.54	.65	12	4.81	6.00
9x14	.08		.12	12x20		3.14	4.24	20x32	.60	.73	11	4.94	6.16
10x12	.07		.10	12x22		3.14	4.24	20x34	.60	.73	11	4.94	6.16
10x14	.09		.15	12x24		3.14	4.24	20x36	.43	.55	10	4.81	6.00
10x16	.10		.17	12x26		3.14	4.24	20x38	.46	.58	13	4.81	6.00
10x18	.11		.19	12x28		3.30	4.62	20x40	.50	.60	12	4.81	6.00
10x20	.12		.22	12x30		3.30	4.62	20x42	.54	.65	12	4.81	6.00
10x22	.13		.20	12x32		3.30	4.62	20x44	.60	.71	11	4.94	6.16
10x24	.14		.22	12x34		3.30	4.62	20x46	.67	.78	11	4.94	6.16
10x26	.15		.23	12x36		3.41	4.90	20x48	.64	.75	12	4.81	6.00
10x28	.16		.25	12x38		4.03	6.31	20x50	.64	.75	12	4.81	6.00
10x30	.17		.26	12x40		4.81	6.31	20x52	.67	.78	11	4.81	6.00
10x32	.18		.34	12x42		3.30	4.62	20x54	.78	.91	10	4.94	6.16
12x14	.19		.18	12x44		3.30	4.62	20x56	.78	.91	9	5.20	6.27
12x16	.22		.19	12x46		3.30	4.62	20x58	.88	1.02	9	5.20	6.27
12x18	.22		.22	12x48		3.30	4.62	20x60	.95	1.09	8	5.20	6.27
12x20	.23		.25	12x50		3.30	4.62	20x62	.95	1.09	8	5.20	6.27
12x22	.24		.26	12x52		3.30	4.62	20x64	.95	1.09	8	5.20	6.27
12x24	.25		.27	12x54		4.03	6.31	20x66	.95	1.09	8	5.20	6.27
12x26	.26		.30	12x56		4.29	6.31	20x68	.78	.91	10	5.20	6.27
12x28	.27		.33	12x58		4.29	6.31	20x70	.78	.91	9	5.20	6.27
12x30	.28		.39	12x60		4.81	7.09	20x72	.95	1.05	9	5.20	6.27
12x32	.29		.41	12x62		4.81	7.09	20x74	.95	1.09	8	5.20	6.27
12x34	.30		.43	12x64		4.81	7.09	20x76	.78	.91	8	5.20	6.27
12x36	.31		.46	12x66		4.81	7.09	20x78	.78	.91	8	5.20	6.27
12x38	.32		.48	12x68		3.30	4.62	20x80	.95	1.09	8	5.20	6.27
14x16	.33		.51	12x70		3.30	4.62	20x82	.95	1.09	8	5.20	6.27
14x18	.34		.52	12x72		3.30	4.62	20x84	.95	1.09	8	5.20	6.27
14x20	.35		.53	12x74		3.30	4.62	20x86	.95	1.09	8	5.20	6.27
14x22	.36		.54	12x76		3.30	4.62	20x88	.95	1.09	8	5.20	6.27
14x24	.37		.55	12x78		3.41	4.90	20x90	.95	1.09	7	5.20	6.27
14x26	.38		.56	12x80		3.41	4.90	20x92	.95	1.09	7	5.20	6.27
14x28	.39		.57	12x82		3.41	4.90	20x94	.95	1.09	7	5.20	6.27
14x30	.40		.58	12x84		3.41	4.90	20x96	.95	1.09	7	5.20	6.27
14x32	.41		.59	12x86		3.41	4.90	20x98	.95	1.09	7	5.20	6.27
14x34	.42		.60	12x88		3.41	4.90	20x100	.95	1.09	7	5.20	6.27
14x36	.43		.61	12x90		3.41	4.90	20x102	.95	1.09	7	5.20	6.27
14x38	.44		.62	12x92		3.41	4.90	20x104	.95	1.09	7	5.20	6.27
14x40	.45		.63	12x94		3.41	4.90	20x106	.95	1.09	7	5.20	6.27
14x42	.46		.64	12x96		3.41	4.90	20x108	.95	1.09	7	5.20	6.27
14x44	.47		.65	12x98		3.41	4.90	20x110	.95	1.09	7	5.20	6.27
14x46	.48		.66	12x100		3.41	4.90	20x112	.95	1.09	7	5.20	6.27
14x48	.49		.67	12x102		3.41	4.90	20x114	.95	1.09	7	5.20	6.27
14x50	.50		.68	12x104		3.41	4.90	20x116	.95	1.09	7	5.20	6.27
14x52	.51		.69	12x106		3.41	4.90	20x118	.95	1.09	7	5.20	6.27
14x54	.52		.70	12x108		3.41	4.90	20x120	.95	1.09	7	5.20	6.27
14x56	.53		.71	12x110		3.41	4.90	20x122	.95	1.09	7	5.20	6.27
14x58	.54		.72	12x112		3.41	4.90	20x124	.95	1.09	7	5.20	6.27
14x60	.55		.73	12x114		3.41	4.90	20x126	.95	1.09	7	5.20	6.27
14x62	.56		.74	12x116		3.41	4.90	20x128	.95	1.09	7	5.20	6.27
14x64	.57		.75	12x118		3.41	4.90	20x130	.95	1.09	7	5.20	6.27
14x66	.58		.76	12x120		3.41	4.90	20x132	.95	1.09	7	5.20	6.27
14x68	.59		.77	12x122		3.41	4.90	20x134	.95	1.09	7	5.20	6.27
14x70	.60		.78	12x124		3.41	4.90	20x136	.95	1.09	7	5.20	6.27
14x72	.61		.79	12x126		3.41	4.90	20x138	.95	1.09	7	5.20	6.27
14x74	.62		.80	12x128		3.41	4.90	20x140	.95	1.09	7	5.20	6.27
14x76	.63		.81	12x130		3.41	4.90	20x142	.95	1.09	7	5.20	6.27
14x78	.64		.82	12x132		3.41	4.90	20x144	.95	1.09	7	5.20	6.27
14x80	.65		.83	12x134		3.41	4.90	20x146	.95	1.09	7	5.20	6.27
14x82	.66		.84	12x136		3.41	4.90	20x148	.95	1.09	7	5.20	6.27
14x84	.67		.85	12x138		3.41	4.90	20x150	.95	1.09	7	5.20	6.27
14x86	.68		.86	12x140		3.41	4.90	20x152	.95	1.09	7	5.20	6.27
14x88	.69		.87	12x142		3.41	4.90	20x154	.95	1.09	7	5.20	6.27
14x90	.70		.88	12x144		3.41	4.90	20x156	.95	1.09	7	5.20	6.27
14x92	.71		.89	12x146		3.41	4.90	20x158	.95	1.09	7	5.20	6.27
14x94	.72		.90	12x148		3.41	4.90	20x160	.95	1.09	7	5.20	6.27
14x96	.73		.91	12x150		3.41	4.90	20x162	.95	1.09	7	5.20	6.27
14x98	.74		.92	12x152		3.41	4.90	20x164	.95	1.09	7	5.20	6.27
14x100	.75		.93	12x154		3.41	4.90	20x166	.95	1.09	7	5.20	6.27
14x102	.76		.94	12x156		3.41	4.90	20x168	.95	1.09	7	5.20	6.27
14x104	.77		.95	12x158		3.41	4.90	20x170	.95	1.09	7	5.20	6.27
14x106	.78		.96	12x160		3.41	4.90	20x172	.95	1.09	7	5.20	6.27
14x108	.79		.97	12x162		3.41	4.90	20x174	.95	1.09	7	5.20	6.27
14x110	.80		.98	12x164		3.41	4.90	20x176	.95	1.09	7	5.20	6.27
14x112	.81		.99	12x166		3.41	4.90	20x178	.95	1.09	7	5.20	6.27
14x114	.82		1.00	12x168		3.41	4.90	20x180	.95	1.09	7	5.20	6.27
14x116	.83		1.01	12x170		3.41	4.90	20x182	.95	1.09	7	5.20	6.27
14x118	.84		1.02	12x172		3.41	4.90	20x184	.95	1.09	7	5.20	6.27
14x120	.85		1.03	12x174		3.41	4.90	20x186	.95	1.09	7	5.20	6.27
14x122	.86		1.04	12x176		3.41	4.90	20x188	.95	1.09	7	5.20	6.27
14x124	.87		1.05	12x178		3.41	4.90	20x190	.95	1.09	7	5.20	6.27
14x126	.88		1.06	12x180		3.41	4.90	20x192	.95	1.09	7	5.20	6.27
14x128	.89		1.07	12x182		3.41	4.90	20x194	.95	1.09	7	5.20	6.27
14x130	.90		1.08	12x184		3.41	4.90	20x196	.95	1.09	7	5.20	6.27
14x132	.91		1.09	12x186		3.41	4.90	20x198	.95	1.09	7	5.20	6.27
14x134	.92		1.10	12x188		3.41	4.90	20x200	.95	1.09	7	5.20	6.27
14x136	.93		1.11	12x190		3.41	4.90	20x202	.95	1.09	7	5.20	6.27
14x138	.94		1.12	12x192		3.41	4.90	20x204	.95	1.09	7	5.20	6.27
14x140	.95		1.13	12x194		3.41	4.90	20x206	.95	1.09	7	5.20	6.27
14x142	.96		1.14	12x196		3.41	4.90	20x208	.95	1.09	7	5.20	6.27
14x144	.97		1.15	12x198		3.41	4.90	20x210	.95	1.09	7	5.20	6.27
14x146	.98		1.16	12x200		3.41	4.90	20x212	.95	1.09	7	5.20	6.27
14x148	.99		1.17	12x202		3.41	4.90	20x214	.95	1.09	7	5.20	6.27
14x150	1.00		1.18	12x204		3.41	4.90	20x216	.95	1.09	7	5.20	6.27
14x152	1.01		1.19	12x206		3.41	4.90	20x218	.95	1.09	7	5.20	6.27
14x154	1.02		1.20	12x208		3.41	4.90	20x220	.95	1.09	7	5.20	6.27
14x156	1.03		1.21	12x210		3.41	4.90	20x222	.95	1.09	7	5.20	6.27
14x158	1.04		1.22	12x212		3.41	4.90	20x224	.95	1.09	7	5.20	6.27
14x160	1.05		1.23	12x214		3.41	4.90	20x226	.95	1.09	7	5.20	6.27
14x162	1.06		1.24	12x216		3.41	4.90	20x228	.95	1.09	7	5.20	6.27
14x164	1.07		1.25	12x218		3.41	4.90	20x230	.95				

A Page of Low-Priced Items

\$14.00 Per 1000 Feet



Genuine White Pine Bevel Siding. Commonly Known as Weather Boarding

A big contract with a Wisconsin Mill enables us to make this remarkably low price. Made from slabs taken from pine logs. One side may contain some defects, and the other may show some bark along the edges. Not offered as the best grade of siding. In order to make a good job, it is necessary for the carpenter to cut out an occasional knot or other defect. However, when the price and the amount of waste are considered, this siding is truly a remarkable value. Especially recommended for repair work, for the cheaper classes of buildings, for Summer cottages, etc. Furnished in mixed lengths only, 4 to 16 feet. In figuring the amount of siding required, it is common practice to add one-third to amount of surface to be covered on 6-inch and one-half or 50 per cent for 4-inch. Shipping weight, per 1,000 feet, about 800 pounds.

178X3700—Size, 1x4 inches (actual size, 1 1/2 x 3 1/2 inches) per 1,000 feet, board measure.....\$14.00

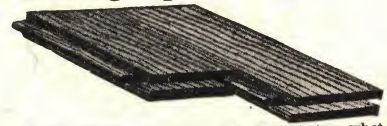
178X3701—Size, 1 1/2 x 4 inches (actual size, 2 x 5 1/2 inches) per 1,000 feet, board measure.....\$16.00

If ordered in quantities of less than 1,000 feet, add \$1.00 extra per 1,000 feet.

Shipped promptly from our store.

An Oak Flooring Special

No. 1 Common Oak Flooring at Unusually Low Prices



To meet the increasing demand for a low-priced oak floor, we are offering what we believe to be an unusual bargain. This is the grade below Clear and Select. According to the grading rules of the Manufacturers' Association, it may contain some defects, but must lay a sound floor without cutting. Standard lengths, 1 foot and up. The 3/4-inch thickness is hollow-backed or grooved, and bored for nailing. Sides and ends have tongue and groove for matching.

To estimate amount of flooring required, figure the number of square feet of surface to be covered, and add one-third to this amount. For instance, a room 10x10 feet has 100 square feet to be covered. To this must be added one-third, making a total of 133 square feet, the amount of flooring to order. This rule applies no matter where you buy. On the 2-inch face add one-fourth only.

The 3/4-inch flooring weighs about 220 pounds to each 100 square feet. The 1/2-inch flooring weighs about 90 pounds to each 100 square feet.

PRICES NO. 1 COMMON OAK FLOORING 278X3706

In ordering be sure to specify thickness.

Thickness	Width of Face	Price per 100 feet
3/4 inch.....	1 1/4 inches	\$1.85
3/4 inch.....	2 inches	2.15
1 1/4 inch.....	1 1/4 inches	3.35
1 1/4 inch.....	2 1/4 inches	4.00

Shipped from factory in Southern Ohio.

Note—This flooring can be shipped with our high-grade oak flooring, listed on page 62. It is common practice, when laying a floor that is to be covered by a rug, to use No. 1 factory flooring for the center and Clear or Select for the border.

8-Light Plain Rail Windows



Plain rail windows do not have the check rail described on page 26. Thickness, 1 1/4 inches. Made of "A" White Pine. Sash weights cannot be used with these windows. Average shipping weight, about 20 pounds.

PRICES OF 8-LIGHT WINDOWS 278X3710

Size of Glass, inches	Outside Measurement of Windows Feet Inches	Single Strength Glass
8 x 10	1 8 1/2 x 3 10	\$0.78
9 x 12	1 10 1/2 x 4 6	.91
10 x 12	2 0 1/2 x 4 6	.92
10 x 14	2 0 1/2 x 5 2	1.03
12 x 14	2 4 1/2 x 5 2	1.15
12 x 16	2 4 1/2 x 5 10	1.31

Shipped from factory in Iowa.

12-Light Plain Rail Windows



Plain windows do not have check rail described on page 26. Thickness, 1 1/4 inches. Made of "A" White Pine. Sash weights cannot be used with these windows. Average shipping weight, about 20 pounds.

PRICES OF 12-LIGHT WINDOWS 278X3712

Size of Glass, inches	Outside Measurement of Windows Feet Inches	Single Strength Glass
7 x 9	2 1 x 3 5 1/2	\$0.93
8 x 10	2 4 x 3 10	.98
8 x 12	2 4 x 4 6	1.09
10 x 12	2 7 x 4 6	1.14
10 x 14	2 10 x 4 6	1.24
10 x 16	2 10 x 5 2	1.34

Shipped from factory in Iowa.

\$1.81

Per 100 Square Feet

WONDER WALL BARGAIN BOARD

\$1.81

Per 100 Square Feet

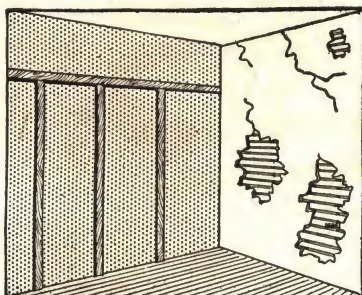


Illustration above shows how an old plastered wall can be repaired by the use of Wonder Wallboard. Ideal for repair work of all kinds.

The Handy Man's Board

The man who likes to "fix things" will find more uses for Wonder Wallboard than can possibly be mentioned here. Here are some suggestions: For repair work, attics, basements, Summer cottages, garages, poultry houses, panels, shelving, partitions, drawer bottoms, desk tops, mirror backing, shirtwaist boxes, or closets.

Now crated to reach you in good condition



Width, 32 inches. See table of convenient lengths below. Actual thickness shown in illustration at left. Made of Three-Ply Fibre Paper Board, cemented together and made one solid board by a permanent binding adhesive. One side finished in Light Cream Color, which is given a Prime Sizing Coat. Can be painted or calcimined.

Order by Number **278X3720**

WIDTH OF ALL SHEETS, 32 INCHES.

Length of Sheet	Number square feet Per sheet	Shipping Weight, per Sheet	Price Per Sheet
6 feet.....	16	11 pounds	29c
7 feet.....	18 2/3	13 pounds	35c
8 feet.....	21 1/3	14 pounds	38c
9 feet.....	24	16 pounds	44c
10 feet.....	26 2/3	18 pounds	48c
12 feet.....	32	21 pounds	59c

Complete directions sent with each shipment.

Shipped from factory in Northern Illinois.

278X3722—Wonder Panel Strips; size, 5/16x1 1/8 inches. Pine. Per hundred lineal feet.....**45c**

Panel strips shipped from factory in Iowa.

Shipping weight, about 10 pounds per hundred feet.

278X3724—Wonder Wall Board Tape. Light color. Per roll of about 100 feet.....**18c**

Per roll of about 500 feet.....**80c**

Tape shipped by parcel post from Northern Illinois. Allow for postage.

Shipping weight, about 8 ounces per hundred feet.

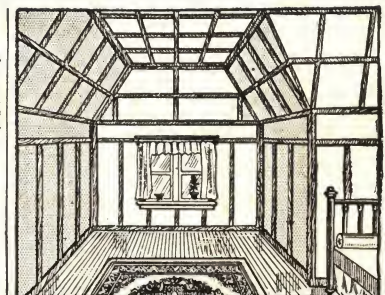


Illustration above shows how an attic may be transformed into a pleasant room at small expense, by using Wonder Wallboard.

Directions for Using

For new work we recommend using panel strips for covering the joints between sheets. This gives the pleasing panel effect shown above. Wall tape may also be used for the same purpose where a flat surface is desired. Wallboard is put on with ordinary bunghead or flathead nails. Easy directions for applying furnished with each order.

This Wallboard has proved so popular in our Summer sale that we have made arrangements to furnish it regularly.

Have you seen our new Bookcase Colonnade on page 46?

Montgomery Ward & Co.

75



"RADIO" our ORNAMENTAL Slate Surface Guaranteed ROOFING

\$2³⁵ Per
Roll
Fine Value

Guaranteed
Fifteen Years

Real Crushed Slate Surface

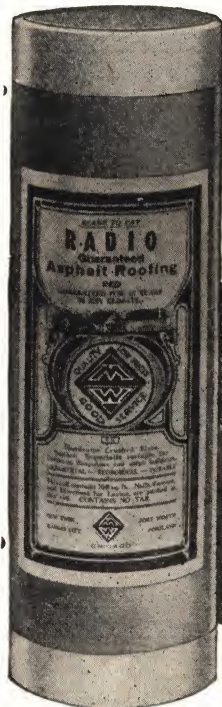
Needs No
Painting

Radio Roofing is an Extra Quality Roofing

In Our Attractive, Colored Radio Roofing, we offer you a strictly first quality prepared roofing which will stand the test of time and which we guarantee for fifteen years.

Radio Roofing is extra heavy, double-service roofing in every respect. Made of long fibre wool felt, treated with special high-grade, genuine asphaltum. The natural slate is pressed into the surface under heavy pressure and will not come loose, as is often the case with inferior roofing. Contains no tar or inferior oils. Will not dry out, shrink, crack nor warp. Needs no painting. Is weather-proof and fire resisting. The surface is covered with fine crushed slate, in the natural colors (Red or Green). These colors will not fade and will retain their pleasing appearance permanently.

Radio Roofing is not affected by heat or cold. The coating will not melt or evaporate. It will not absorb moisture, or get soft and spongy in damp weather. Absolutely waterproof.



Radio Roofing is Guaranteed to Wear 15 Years

Consider carefully the durability of any roofing material before you buy. There are many kinds of prepared roofings on the market—each one offered as a high grade article. It is claimed for many that they will last a certain length of time, but you should have a definite guarantee covering this point so that there will be no argument. Our Radio Roofing is guaranteed to wear fifteen years and will wear longer. Its crushed slate surface is an excellent fire protection as well as being highly ornamental and weather resisting.

Radio Roofing is Quickly and Easily Laid

The ease with which Radio Roofing may be laid is one of its great advantages. It comes in convenient rolls, width, 32 inches, length, 40½ feet, and in the center of each roll are packed the necessary large head galvanized nails and a can of liquid cement for the seams. Simple directions are also packed in each roll. May be laid directly over old shingles, thus saving the bother of ripping off the old worn out shingles. You simply use longer nails which we will furnish with the roofing, if so ordered. Once properly laid, Radio Roofing needs no further attention. Its first cost is the only cost. Think of the many advantages—the feeling of security and freedom from worry which you will enjoy when your building is covered with Radio Slate Surface Roofing. (If for use over old shingles, ask for long nails on your order.) One edge is left smooth a width of 2 inches, to facilitate making the lap.

Garnet-Red Radio Roofing

Guaranteed for 15 Years

Sea-Green Radio Roofing

Guaranteed for 15 Years

SHOWING
THICKNESS

180X54—Surfaced with Crushed Red Slate. A rich garnet red shade that will not fade and needs no painting. Extra heavy. Average shipping weight, 80 pounds. In rolls containing 108 square feet, fully covering one square of 100 square feet. Complete with large head, galvanized nails, liquid cement and simple directions for applying. Price, per roll **\$2.35**

180X56—Surfaced with Crushed Green Slate. A dainty, attractive sea green shade, that will not fade and needs no painting. Extra heavy. Average shipping weight, 80 pounds. In rolls containing 108 square feet, fully covering one square of 100 square feet. With large head, galvanized nails, liquid cement and simple directions. Price, per roll **\$2.35**

BURLAP RADIO ROOFING

Extra Heavy
and Strong

Surfaced with Crushed Slate — Guaranteed for 15 Years

\$3.75 Withstands Severe Hail \$3.75

Our Burlap-Radio Roofing is a very tough, flexible roofing fabric, constructed of the best material throughout. Made similar to our Radio Slate Surface Roofing, but with the addition of a burlap insert on under the felt. This greatly increases its tensile strength and weather resisting qualities. This roofing is extensively used in localities where hail occurs and is preferred by many who want the strongest possible roofing with a very attractive surface. Made from tough, long fibre felt, saturated and covered with genuine asphalt. Below this is a layer of strong burlap. The slate surface will not fade. Each rain washes it clean. It is pressed into the surface and will not come loose. Made in separate layers and the whole fabric is bound together under great pressure, making a strictly high grade water-proof roofing that will give many years of satisfactory service.

This roofing is water-proof, weather-proof and hail-proof, and is adapted for any kind of roof. Width of roofing, 32 inches. We include with each roll a liberal quantity of large head galvanized nails, a can of cement for the laps, and full directions. Not affected by the heat or cold, will not shrink or stretch; contains no tar and does not affect the rain water. Buy this roofing if you have severe hail storms in your locality.

Garnet-Red Burlap Radio Roofing

180X46—Burlap Radio Roofing. Surfaced with crushed Red Slate. Rolls containing one square, or 108 square feet. Complete with nails and cement. Average shipping weight, 90 lbs. Per roll of 108 square feet. . . **\$3.75**

Sea-Green Burlap Radio Roofing

180X47—Burlap Radio Roofing. Surfaced with crushed Green Slate. Rolls containing one square, or 108 square feet. Complete with nails and cement. Average shipping weight, 90 lbs. Per roll of 108 square feet. . . **\$3.75**

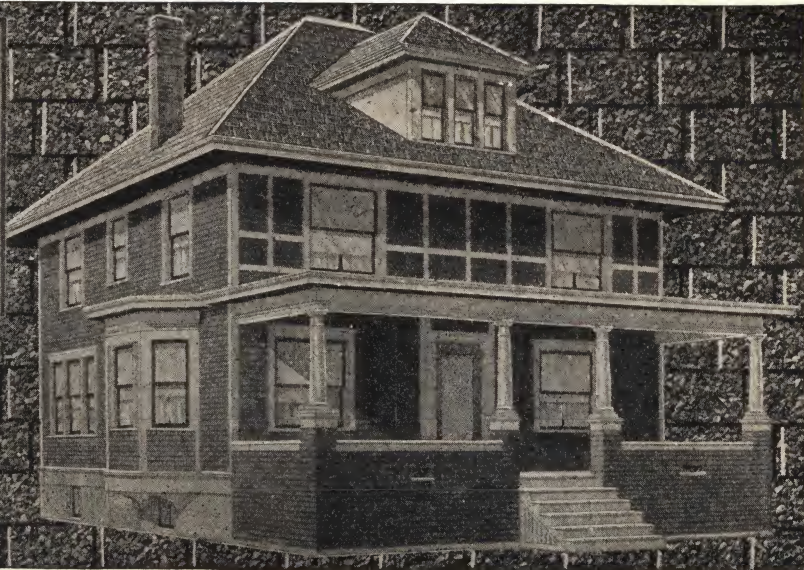


"RADIO"

Shingle Effect

Slate Surface Guaranteed

ROOFING



Use this Roofing for the Most Decorative Effect

Radio shingle roofings are suitable for the finest homes, and give you all the decorative effect of a slate or tile roof at a moderate cost. Will not split nor crack, are all of a standard size so that they are easily applied. They are made from heavy, tough, special felt, saturated and covered with genuine asphalt and surfaced with crushed slate. Will not fade nor discolor. Need no painting. Will not dry out, shrink nor warp. Are very easy to apply—no previous experience is necessary. Anyone who can drive a nail can quickly and easily lay this kind of roofing. We furnish Radio Shingles in four styles as shown below.

Radio Square End Individual Shingles

Self Spacing. Guaranteed for 15 Years



(Shape of Shingle)

This style is an individual, Slate Surface Asphalt shingle with a new self spacing feature which insures uniformity and speed in laying. Made in two weights, heavy and extra heavy. Size of each shingle 8x12 $\frac{3}{4}$ inches. The Heavy shingles are laid 4 $\frac{1}{4}$ inches to the weather. The Extra Heavy shingles are laid 5 inches to the weather. Makes a roof of three and four, and two and three thicknesses, respectively. Nails not included. Use 4 pounds 1 $\frac{1}{2}$ -inch galvanized nails per square.

HEAVY GRADE

In boxes of 100 shingles—four boxes to the square. Shipping weight, per square, about 220 pounds.

Number	280X122	280X123
Color	Red	Green
Per Square	\$5.25	\$5.25

EXTRA HEAVY GRADE

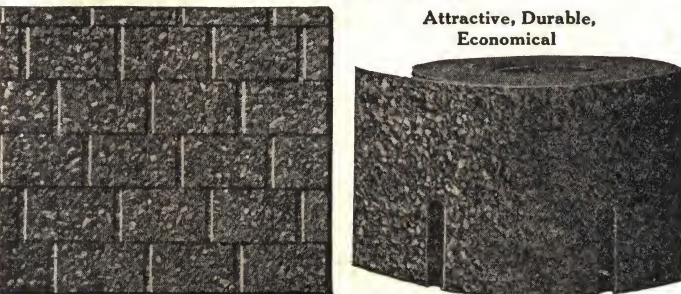
In boxes of 87 shingles—four boxes to the square. Shipping weight, per square, about 260 pounds.

Number	280X124	280X125
Color	Red	Green
Per Square	\$6.25	\$6.25

Shipped from factory in Northern Illinois.

Radio Square End Strip Shingles

Guaranteed for 12 Years



Attractive, Durable, Economical

(In notched strips, easy to lay)

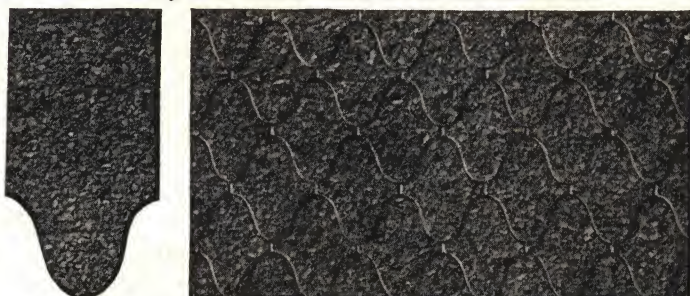
This style comes in strips, width, 10 inches; length, 76 feet, with lower edge cut with notches to give the effect of a regular 8-inch shingle. Quickly laid, 4 inches to the weather. Makes a roof of two thicknesses, and of three thicknesses where nailed. In Long Strips. Easy to Lay. Nails not included. Use 4 pounds 1 $\frac{1}{2}$ -inch galvanized nails per square. Shipping weight, per square, about 195 pounds.

Article Number	280X136	280X137
Color	Red	Green
Per Square	\$4.75	\$4.75

Shipped from factory in Northern Illinois.

Radio Fancy End Individual Shingles

Very Attractive. Guaranteed for 15 Years



(Shape of Shingle)

This style shown is an individual Slate Surface Asphalt Shingle with a rounded lower end, for a fancy effect. May also be laid with part round and part square ends. Made in Heavy and Extra Heavy weights. Size of each shingle, 8x12 $\frac{3}{4}$ inches. The Heavy shingles are laid 4 inches to the weather. The Extra Heavy shingles are laid 5 inches to the weather. Makes a roof of three and four and two and three thicknesses, respectively. Nails not included. Use 4 pounds 1 $\frac{1}{2}$ -inch galvanized nails per square.

HEAVY GRADE

In boxes of 106 shingles—four boxes to the square. Shipping weight, per square, about 200 pounds.

Number	280X126	280X127
Color	Red	Green
Per Square	\$4.75	\$4.75

EXTRA HEAVY GRADE

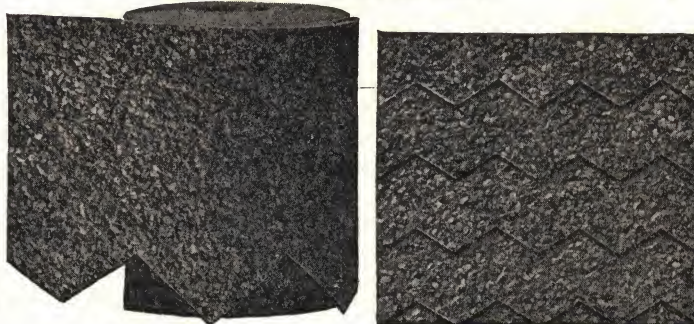
In boxes of 87 shingles—four boxes to the square. Shipping weight, per square, about 220 pounds.

Number	280X128	280X129
Color	Red	Green
Per Square	\$5.75	\$5.75

Shipped from factory in Northern Illinois.

Radio V End Strip Shingles

Guaranteed for 12 Years



(In notched strips, easy to lay)

This style comes in strips, width, 17 $\frac{1}{2}$ inches; length, 48 feet. Very quickly laid, with 12 inches exposed to the weather. Makes a roof of single thickness, and of two thicknesses where nailed, with a five-inch overlap. The V-shaped notches are depth, 3 inches; width, 9 inches. In Long Strips. Easy to Lay. Price includes 1-inch galvanized nails. Shipping weight, per square, about 95 pounds.

Article Number	280X132	280X133
Color	Red	Green
Per Square	\$2.75	\$2.75

Shipped from factory in Northern Illinois.

Three High-Grade Guaranteed Roofings

Attractive Silver
Gray Color

Sunlite Mineral Surface Roofing

Guaranteed for
12 and 15 Years

\$1⁹⁵

—AND—

\$2⁴⁰

Per Roll



Guaranteed

for

12 AND 15

Years

We offer here a strictly first quality roofing, finished in a beautiful bright silver gray color, suitable for the finest residences. The bright mineral surface not only makes it a most attractive roofing, but adds to its life and increases its fire-resisting qualities.

Sunlite Roofing is made from long fibre, wool felt, carefully selected, saturated and water-proofed with pure mineral asphalt. Both surfaces are covered with an extremely hard, light gray, granulated mineral, rolled in under great pressure.

Contains no tar or other evaporative matter, and will not dry out, crack or lose its beautiful finish. The bright mineral surface retains its color, which is a handsome silver gray. Snow and rain have no effect on it, and it makes a roof that you can be proud of in every way.

Sunlite Roofing is easy to apply and requires no surface coating. We include with each roll a liberal quantity of large head galva-

nized nails, a can of liquid cement for the laps and water-proof seams, and full directions. Width of roofing, 32 inches. Made in two weights, both the same high quality, the difference being only in the thickness and weight.

Heavy Sunlite Roofing (3-Ply)

Guaranteed for 12 Years

180X59—Rolls containing one square, 108 square feet. Complete with large head galvanized nails, and cement for the laps. Average shipping weight, 55 pounds. Per roll of 108 square feet.....**\$1.95**

Extra Heavy Sunlite Roofing (4-Ply)

Guaranteed for 15 Years

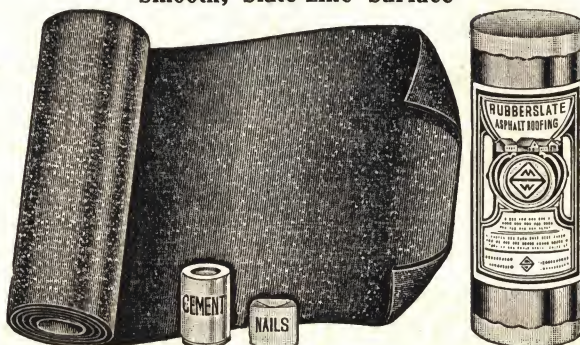
180X60—Rolls containing one square, 108 square feet. Complete with large head galvanized nails, and cement for the laps. A fine, attractive roofing that is giving excellent satisfaction in all parts of the country. People living near the ocean say it is the first roofing they ever found that withstands the severe coast storms. Average shipping weight, 65 pounds. Per roll of 108 square feet.....**\$2.40**

Rubberslate Roofing

Guaranteed for 12 Years

\$2.00

With Galvanized Nails and Liquid Cement
Smooth, Slate-Like Surface



A slate-colored roofing, with smooth surface, tough and flexible, and presents a fine appearance when put on the roof. Made from selected long fibre, wool felt, carefully treated, and saturated with mineral rubber, and genuine asphaltum.

Rubber Slate Roofing is weather-proof and fire-resisting. A tough, elastic roofing fabric, suitable for any climate. It contains no tar or volatile matter, will not dry out, crack or shrink, and is not affected by changes of temperature. Has a fine, smooth, slate-like surface, the same on both sides, and does not require any top coating. But after a few years, if covered with our Asphaltum roof coating, the roofing will be assured of longer life. Our Asphaltum coating has the same good effect on prepared roofing as paint has on a wooden surface. Each roll is packed complete with large head galvanized nails and a liberal quantity of liquid cement for the laps and seams. Requires no special tools and is easy to apply. Width of roofing, 32 inches.

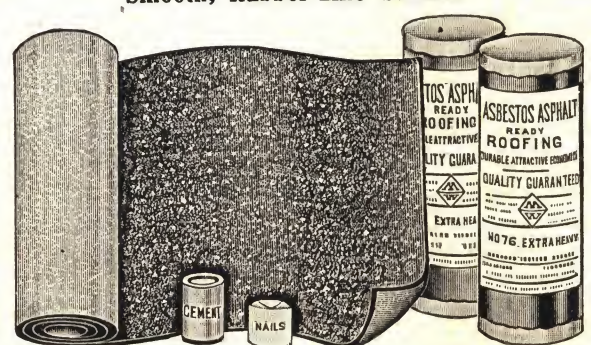
180X80—Rubberslate Roofing. Heavy grade. Roll containing 1 square or 108 square feet, complete with nails, cement and directions. Average shipping weight 55 pounds. Per roll **\$2.00**

\$1.95

Asbestos-Asphalt Roofing

Guaranteed 10 and 12 Years

With Galvanized Nails and Liquid Cement
Smooth, Rubber-Like Surface



A high grade Asphalt Roofing, with a bottom layer of long-fibred asbestos which prevents flames from breaking through the roof in case of fire. Asbestos-Asphalt Roofing is made of best quality wool felt, saturated and water-proofed with genuine asphalt. Proof against rain, snow, heat or cold. The bottom ply is of asbestos fibre, which gives unusual fire-resisting qualities. Not affected by water, acids or gases. Our Asbestos-Asphalt Roofing always remains soft and pliable. Will not taint or discolor rain water. Contains no tar or other cheap substances, which might dry out and cause cracking. A strictly first quality roofing in every respect. Put up in rolls containing 108 square feet, complete with large head nails and cement for the laps. Width of roofing, 36 inches. Made in two thicknesses or weights.

180X75—Heavy Asbestos-Asphalt Roofing. Guaranteed for 10 years. In rolls containing 108 square feet. Average shipping weight, 45 pounds. Per roll.....**\$1.95**
180X76—Extra Heavy Asbestos-Asphalt Roofing. Guaranteed for 12 years. In rolls containing 108 square feet. Average shipping weight, 55 lbs. Per roll.....**\$2.25**

Two Popular Guaranteed Asphalt Roofings

Atlas Ready Roofing Smooth Rubber-Like Surface

\$1³⁰ up



Atlas Prepared Roofing is made from selected, long fibre wool felt, thoroughly saturated with genuine asphalt, which will not dry out or evaporate. Coated on both sides with crushed mica. This allows the roofing to unroll freely and aids its weather resisting qualities. Contains no tar or other evaporative matter, therefore does not dry out or crack. It will not stick in the roll, contains nothing to ooze out, even in the hottest weather, and will not crack in the coldest weather. It is adapted for any climate. Absolutely weather-proof. Always pliable and never becomes hard or brittle.

Our Atlas Roofing is suitable for either flat or steep roofs. Will not taint or discolor rain water, and is free from odor. Requires no special tools. Can be easily laid by an ordinary workman. Not affected by gas, smoke or vapors. Requires no extra coating, except at laps. Each roll is packed complete, with large head galvanized nails, the necessary liquid cement for cementing the laps and full directions for laying. Width of roofing, 32 inches. In rolls of 108 or 216 square feet, covering one square or two squares. Made in three different standard weights, all exactly the same high quality, the only difference being in the thickness and weight.

Our Atlas Roofing contains nothing but tested and time tried water-proof and weather-proof materials. We do not increase the weight by the addition of clay or other cheap mineral substances, a plan frequently resorted to in order to get heavier rolls regardless of the wearing qualities of the roofing.

Our roofings contain no tar or inferior oils to dry out and deteriorate, and each step of manufacture is subject to an unusually rigid inspection.

Standard (1 Ply) Guaranteed for Seven Years	Heavy (2 Ply) Guaranteed for Ten Years	Extra Heavy (3 Ply) Guaranteed for Twelve Years
180X20 —Rolls containing one square. With regular nails. Average shipping weight, 35 pounds. Per roll of 108 square feet..... \$1.30	180X24 —Rolls containing one square. With regular nails. Average shipping weight, 45 pounds. Per roll of 108 square feet..... \$1.65	One of the heaviest and thickest roofings of this kind that is made. For all around durability and reliability it cannot be excelled. As the wear on any roofing is from the surface inward, the thicker fabric and heavier saturation naturally offers greater resistance and increase the length of service.
180X21 —Rolls containing one square. With long nails for over old shingles. Average shipping weight, 35 pounds. Per roll of 108 square feet..... \$1.30	180X25 —Rolls containing one square. With long nails for over old shingles. Average shipping weight, 45 pounds. Per roll of 108 square feet..... \$1.65	180X28 —Rolls containing one square. With regular nails. Average shipping weight, 55 pounds. Per roll..... \$2.00
180X22 —Rolls containing two squares. With regular nails. Average shipping weight, 70 pounds. Per roll of 216 square feet..... \$2.55	180X26 —Rolls containing two squares. With regular galvanized nails. Average shipping weight, 90 pounds. Per roll of 216 square feet..... \$3.25	180X29 —Rolls containing one square. With long nails for over old shingles. Average shipping weight, 55 pounds. Per roll..... \$2.00
180X23 —Rolls containing two squares. With long nails for over old shingles. Average shipping weight, 70 pounds. Per roll of 216 square feet..... \$2.55	180X27 —Rolls containing two squares. With long nails for over old shingles. Average shipping weight, 90 pounds. Per roll of 216 square feet..... \$3.25	

Lakeside Ready Roofing Hard Sanded Black Surface

\$1³⁰ up



Lakeside Roofing is suitable for all classes of roofs. It is acid-proof, water-proof and weather-proof. Not affected by changes of temperature—adapted for all climates. It is easily and quickly applied, requiring no previous experience or any special tools. Anyone can lay a good roof by following the simple directions, found in the center of each roll.

It is made of long fibre felt, saturated with genuine asphalt. Surfaced on both sides with sand grit, requiring no expense for coating or paint. The grit surface adds greatly to the life of the fabric, and also increases its fire-resisting qualities against danger from falling sparks, etc.

Does not stick, run or crack. Is durable, ornamental and inexpensive. Does not impart any taste to the water, which is important to all who use rain water for domestic purposes. Put up in rolls of 108 square feet, which is sufficient to cover one square or 100 square feet. We also pack with each roll a sufficient supply of galvanized roofing nails, and liquid cement which is used for cementing the laps. Width of roofing, 32 inches.

Made in three different weights, all exactly the same high quality, the only difference being in the thickness and weight.

Our Lakeside Roofing contains nothing but tested and time-tried waterproof and weather-proof materials. We do not increase the weight by the addition of clay or other cheap mineral substances, a plan frequently resorted to in order to get weight (heavier rolls) regardless of the wearing qualities of the roofing.

You may be sure we would not offer our roofings with our strong guarantee if we had not first taken every precaution to insure your getting a roofing fabric which will stand up under all conditions.

Standard (1 Ply) Guaranteed for Seven Years	Heavy (2 Ply) Guaranteed for Ten Years	Extra Heavy (3 Ply) Guaranteed for Twelve Years
This grade is largely used for temporary buildings of all kinds, and for wagon sheds, poultry or hog houses, fruit shelters, etc. Makes an excellent Silo lining.	This grade is widely used for the better grade of buildings, where a heavier fabric than our Standard weight is desired. Makes a good low priced roof that will last fully 10 years.	A fine, serviceable roofing. Extensively used for barns, homes, public buildings, etc. Very satisfactory. One of the heaviest roofings of this style that is made. Will wear fully 12 years.
180X30 —Rolls containing one square. With regular nails. Average shipping weight, 55 pounds. Per roll of 108 square feet..... \$1.30	180X32 —Rolls containing one square. With regular nails. Average shipping weight, 65 pounds. Per roll of 108 square feet..... \$1.65	180X34 —Rolls containing one square. With regular nails. Average shipping weight, 75 pounds. Per roll of 108 square feet..... \$2.00
180X31 —Rolls containing one square. With long nails for over old shingles. Average shipping weight, 55 pounds. Per roll of 108 square feet..... \$1.30	180X33 —Rolls containing one square. With long nails for over old shingles. Average shipping weight, 65 pounds. Per roll of 108 square feet..... \$1.65	180X35 —Rolls containing one square. With long nails for over old shingles. Average shipping weight, 75 pounds. Per roll of 108 square feet..... \$2.00

Combination Rubber Roofing

**A Combination Flint and Smooth Surfaced
Roofing at a Low Price**

Sold without a guarantee for a definite period, but is good enough for temporary buildings, where a long-lived, durable fabric is not absolutely essential. Made of wool felt, saturated with asphaltum. Finished on one side with a smooth mineral asphalt coating, resembling rubber, and on the other side with fine sand or flint. Can be used with either side up, as preferred. Width of roofing, 32 inches. Put up in rolls containing 108 square feet, or enough to cover 100 square feet. Complete, with large head nails and liquid cement for the laps.

180X87 —One-Ply. Average shipping weight, 35 pounds. Per roll..... \$0.95
180X88 —Two-Ply. Average shipping weight, 45 pounds. Per roll..... 1.25
180X89 —Three-Ply. Average shipping weight, 55 pounds. Per roll..... 1.60

Note—If you want a really good roof buy our specially Guaranteed Roofings. They are the cheapest in the end.



Elastic Stick Cement

180X260—For mending leaks in all kinds of roofing, iron, felt, slate, shingles, eave troughs, tanks, tubs, etc. Always ready. Waterproof, and will stick to anything. Black color. Usual retail value 25c. Weight, about 12 ounces. Per stick.....**15c**

You are Taking a Big Chance

if you are not using a dependable copper cable lightning rod system on your buildings. Our Copper Cable Lightning Rod represents the most effective form of protection against lightning. It is easily applied by anyone, without previous experience. The cost for the average building is only about \$17.00. See our large general catalogue or send for circular.

High-Grade Sheathing and Building Papers

Prices Subject to Market Changes

Red Rosin-Sized Sheathing



Our Lakeside Red Rosin-sized sheathing is made for use of the best pulp stock with a hard, smooth surface. We sell very large quantities annually. It is a tough, clean, durable paper. Damp-proof and vermin-proof. Made in three different weights or thicknesses but all the same quality. Put up in rolls containing 500 square feet. Width, 36 inches. This sheathing is being used extensively in all parts of the country. You will be pleased with the results, and with the saving you make by buying from us.

180X220—Standard Lakeside Sheathing. Average shipping weight, 30 pounds. Per roll **72c**
180X221—Medium Lakeside Sheathing. Average shipping weight, 35 pounds. Per roll **84c**
180X223—Heavy Lakeside Sheathing. Average shipping weight, 45 pounds. Per roll **96c**

Herald Black Felt Sheathing



180X226 — Our Herald brand Tarred Sheathing is made from wool felt, thoroughly water-proofed with distilled tar. Water-proof and wind - proof. Strong and durable. Better than ordinary building paper. Clean to handle. Moisture and vermin - proof. Will unroll freely without sticking. It is air-tight, will not shrink or dry out and will withstand all weathers and temperatures. Its first cost is but a little more than the cheapest paper and it lasts so much longer that it is certain economy to use it. The faint tar odor of this sheathing is of great value in dispelling mice, rats, bugs, moths, etc. Put up in rolls containing 500 square feet. Width, 32 inches. Average shipping weight of rolls, 45 pounds. Per roll **\$1.10**

Blue Plaster Board

"A"
Grade
Extra
Quality



80c
and
\$1.60

A strong, durable, cardboard, extensively used in place of lath and plaster on walls and ceilings. It can be used over boards or fastened direct to the studding and is some of the best material made for sheathing and insulating. Usually applied with large head tacks and then painted, covered with wall paper or covered with panel strip at the seams. Has a pleasing blue color. Width of rolls, 36 inches.

180X234—Rolls of 250 square feet. Average shipping weight, 30 pounds. Per roll.....**80c**
180X235—Rolls of 500 square feet. Average shipping weight, 60 pounds. Per roll.....**\$1.60**

Standard Wool Deadening Felt



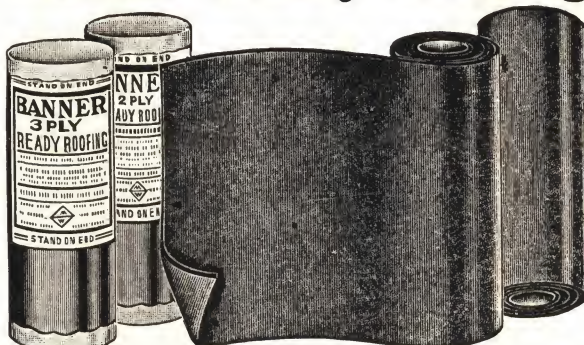
180X237 An excellent, cheap non-conductor for deadening of sounds. Also an excellent protection against frost, or for insulation of heat, etc. For use between floors or buildings. Adds greatly to the warmth and comfort of a home. Nothing is more annoying than to hear every footstep or sound from the floor above. This felt effectually overcomes this trouble. Our Wool Felt is thick and heavy and the best material of the kind on the market. Put up in rolls containing about 450 square feet. Width, 36 inches. Nine square feet weigh 1 pound. Average shipping weight of roll, 50 pounds. Per roll..... **\$1.85**

Asbestos Building Felt



180X244 — Standard Asbestos Sheathing. An excellent insulator for heat and cold. For lining buildings, refrigerator cars, ice houses, etc. To go between floors or for general building purposes. Extensively used for covering warm air pipes from furnaces, etc. It is absolutely fireproof. Will not burn if brought into contact with flames. Makes an excellent sound deadener. A comparison of quality and price will convince you of the excellent value we are offering. Put up in rolls containing 450 square feet. Width, 36 inches. Weight, per 100 square feet, 10 pounds. Average shipping weight of rolls, 50 pounds. Per roll **\$1.75**

Banner Ready Roofing



75c and \$1.00
Per Roll

75c and \$1.00
Per Roll

A Competition grade of roofing for those who do not care to pay the price of a heavier and more serviceable roofing. Good enough for hen houses, tool sheds and temporary buildings, but not recommended where a serviceable roofing is needed. Each roll contains 108 square feet. Width, 32 inches. Our price does not include nails, caps or roof coating, all of which should be ordered at the same time. To properly apply this roofing, requires 1½ pounds of tin caps, 1 pound of nails, and 2 gallons of Ready Roof Coating to each roll. Should be given a fresh coat every few years.

180X105—Banner Two-Ply Roofing. Average shipping weight, 40 pounds. Per roll **75c**

180X106—Banner Three-Ply Roofing. Average shipping weight, 65 pounds. Per roll **\$1.00**

Ready Roof Coating



180X158—Especially for our Old Reliable, Banner and tarred felt roofing. Black only. (Not suitable for metal roofing.) Two gallons of coating per square of roofing for two coats. Before the last coat has become dry, we recommend sprinkling fine sand over the surface. This will add to the durability and fire resistance.

Quantity	Shipping weight, pounds	Price
2 gallon can	12	\$0.48
5 gallon can	22	1.95
10 gallon can	100	1.70
20 gallon keg	250	2.35
30 gallon barrel	350	3.45
36 gallon barrel	400	3.60
40 gallon barrel	450	3.85
50 gallon barrel	575	5.00

Tin Roofing Caps

80X180—Tin Roofing Caps. Each square of roofing requires 1½ pounds of caps. Per pound **5c**

Wire Roofing Nails

Barbed roofing nails for use with tin caps. Each square of roofing requires about 1 pound of 1 inch or 1½ inch nails, and about 1½ pounds of 1½ inch nails.

Plain Barbed Roofing Nails

Length (Give size.)	80X184 Per pound	180X185 Per keg, 100 pounds
1 inch	4c	\$3.60
1½ inch	4c	3.55
1½ inch	4c	3.40

Galvanized Barbed Roofing Nails

Length (Give size.)	80X190 Per pound	180X191 Per keg, 100 pounds
1 inch	6c	\$5.35
1½ inch	6c	5.30
1½ inch	6c	5.15

Tarred-Felt Roofing



180X249—A good grade Felt. Thoroughly saturated with best distilled coal tar. Largely used on flat roofs, where it is applied in from 3 to 6 layers. Each layer and the top surface should be coated with tar or our ready roof coating, and the top surface thoroughly covered with gravel. Also used extensively for roofing lumber camps and temporary buildings. For temporary work, order tin caps and roofing nails as well as Roof Coating, with this felt. Use 1½ pounds of tin caps, 1 pound nails and 2 gallons Ready Roof Coating to each roll, as they are not included. For permanent work, we recommend the use of tar. Put up in rolls 36 inches wide, containing about 350 square feet. Average shipping weight, 50 pounds. Subject to market changes. Per roll **\$1.40**

Asphalt Roof Paint in Colors

For all kinds of asphalt felt roofing. After a lapse of three years or more a coat of our Asphalt Roof Coating will give new life to the roof, and if repeated every two to four years will keep the roof in first class condition. One gallon will cover 200 square feet, one coat. Shipping weight, per gallon, 8½ pounds.



	Black	Red	Green
75X8424 —1-gallon can. Per can.....	\$0.47		
175X8425 —5-gallon can. Per can.....	2.00		
375X8426 —½ barrel (25 gallons).....	9.50		
375X8427 —1 barrel (50 gallons).....	13.50		
75X8428 —1-gallon can. Per can.....	\$0.65	\$1.20	
175X8429 —5-gallon can. Per can.....	2.90	5.75	
375X8430 —½ barrel (25 gallons).....	14.00	28.00	
375X8431 —1 barrel (50 gallons).....	26.85	53.50	

Large Head Galvanized Nails

Heavy wire nails as furnished with our Asphalt Roofings. Well galvanized and rust-resisting. For Felt Roofing. Diameter of head, ½ inch.
80X195—Standard size. Length, 1 inch. Per pound **8c**
80X196—Extra long size. Length, 1½ inches, for over shingles. Per pound **8c**



Our Artistic Hardware is not expensive, and gives a finishing touch of refinement to the home. As the cost of hardware used in the construction of a home is a small item when compared with the entire cost of the building, it is generally considered advantageous to use the better grades of locks and trimmings. Comparison will show our price to be remarkably low. Quality and Finish considered. The knobs, escutcheons and all the trimmings are finely and attractively finished, all bolts are strong and easy working.

Our low prices make it possible for you to select Up-to-Date Hardware of elegant appearance for much less money than you would pay elsewhere. In order to simplify as much as possible the ordering of Builders' Hardware in desired finishes, we have designated the various finishes with letters, from A to E for solid bronze, and from G to P for plated iron and steel. A harmonious, tasteful and elegant appearance is easily obtained by selecting all the trimmings of the same finish, whether all bronze, part bronze and part steel, or all steel.

The solid bronze goods, naturally, are the most durable and satisfactory, especially in the case of lock sets, and present the richest appearance, as the plating takes best on a solid bronze surface. Much of our iron and wrought steel hardware is also very ornamental and finished to resemble the solid bronze hardware, the chief difference being in the danger of rust with steel hardware when exposed. We do not recommend any but solid bronze finishes for outside work.

DESCRIPTION OF FINISHES

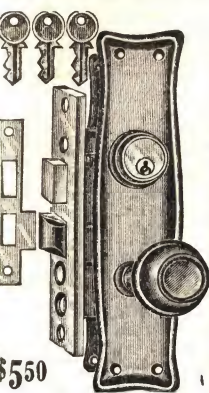
Solid Bronze Hardware

- A** Finish—POLISHED BRONZE, natural color, highly polished and lacquered.
B Finish—SUNK BACKGROUND, black finish.
C Finish—POLISHED ANTIQUE COPPER, dark color, relieved by partial polish.
D Finish—SANDÉD ANTIQUE COPPER, dark color, partially brightened, with dull sand blasted surface.
E Finish—LEMON BRASS, rich brass color, dull satin finish; lacquered.
 (C and E finishes are the most popular.)

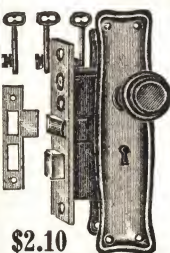
Iron and Steel Hardware

- G** Finish—GERMAN BRONZED. Lacquered brown color, not polished.
H Finish—RAISED SURFACES. Polished bronze finish.
I Finish—POLISHED BRONZE. Plated with bronze and highly polished and lacquered.
J Finish—POLISHED ANTIQUE COPPER. Plated dark color, relieved by partial polish.
K Finish—SANDÉD ANTIQUE COPPER. Plated dark color, partly brightened, with dull sand blasted surface.
L Finish—LEMON BRASS. Plated brass color, dull satin finish.
 (For Longest wear, choose the solid bronze hardware.)

WINNETKA DESIGN VERY STYLISH AND POPULAR

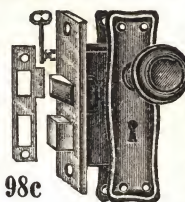


Cylinder Front Door Lock, Solid Bronze Trimmings. Mortise lock 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. One bronze cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 x 2 1/4 inch Knobs, swivel spindle. 1 Escutcheon, 1 1/2 x 3 1/2 inches. 1 Escutcheon, 7 3/4 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 5 1/2 pounds. \$7.00 value.
85X2942—C Finish. Each.....\$5.50
85X2943—E Finish. Each.....\$5.50



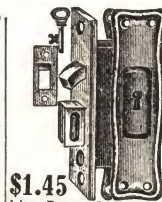
\$2.10

Bit Key Front Door Lock. Mortise lock, 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside, and the lock bolt from inside. 1 Escutcheon, 10 1/2 x 3 1/2 inches. 1 Escutcheon, 7 3/4 x 2 1/2 inches. With screws. Reversible.
85X2944—C Finish. Each.....\$2.10
85X2945—E Finish. Each.....\$2.10
85X2946—L Finish. Each.....\$2.10
85X2947—P Finish. Each.....\$2.10



98c

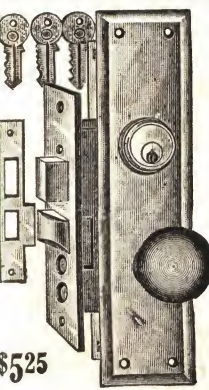
Inside Door Lock. Mortise lock, 3 3/4 x 3 1/4 inches. 1 pair 2 1/4 inch Knobs. 1 steel bit Key. 2 long Escutcheons, 7 1/2 x 2 1/2 inches. With screws. Reversible. With Screws.
85X2948—C Finish. Each.....98c
85X2949—E Finish.....98c
85X2950—L Finish. Each.....42c
85X2951—P Finish.....42c



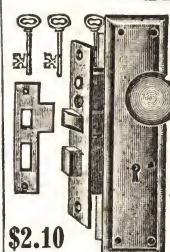
\$1.45

Sliding Door Locks, Single Door Set consists of: Mortise Lock, 5 1/2 x 3 3/4 inches. One Key. Flat Strike, 2 flush Escutcheons, 7 3/4 x 2 1/2 inches. With screws. Weight, 2 pounds. Double Door Set is same as above, but has 4 Escutcheons and mortise Strike with pull. Weight, 2 1/2 to 3 1/2 pounds. Excellent values.
85X2952—C Finish. Single.....\$1.45 Double.....\$2.30
85X2953—E Finish. Single.....\$1.45 Double.....2.30
85X2954—L Finish. Single.....98c Double.....1.50
85X2955—P Finish. Single.....98c Double.....1.50

Turn Door Bell. Solid Bronze Front, 4 1/2 x 2 1/2 inches, and 3 1/2 inch antique copper push button. Weight, 1 1/2 pounds.
85X2956—C Finish. Each.....65c
85X2957—E Finish. Each.....65c
85X2958—L Finish. Each.....40c
85X2959—P Finish. Each.....40c

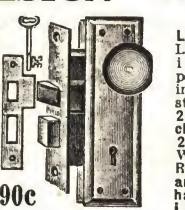


Cylinder Front Door Lock, Solid Bronze Trimmings. Mortise Lock, 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. One bronze cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 x 2 1/4 inch Knobs, swivel spindle. 1 Escutcheon 10 1/2 x 3 1/2 inches. 1 Escutcheon 7 3/4 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 5 1/2 pounds. \$7.00 value.
85X2900—C Finish. Each.....\$5.25
85X2901—E Finish. Each.....\$5.25



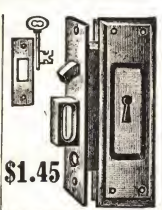
\$2.10

Bit Key Front Door Lock. Mortise Lock, 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch Knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside, and the lock bolt from inside. 1 Escutcheon, 10 1/2 x 3 1/2 inches. 1 Escutcheon, 7 3/4 x 2 1/2 inches. With screws. Reversible. C and E finishes have non-rusting Solid Bronze Trimmings, while the L and P have plated steel trimmings. Weight, 3 3/4 pounds. Big values.
85X2902—C Finish. Price.....\$2.10
85X2903—E Finish. Price.....\$2.10
85X2904—L Finish. Price.....\$2.10
85X2905—P Finish. Price.....\$2.10



90c

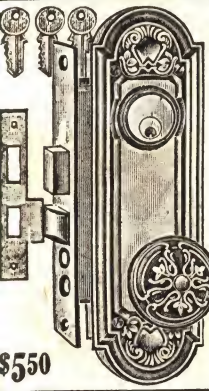
Inside Door Lock. Mortise Lock, 3 3/4 x 3 1/4 inches. 1 pair 2 1/4 inch Knobs. 1 steel bit Key. 2 long Escutcheons, 7 1/2 x 2 1/2 inches. With screws. Reversible. C and E finishes have non-rusting Solid Bronze Trimmings, while the L and P have plated steel trimmings. Weight, 2 1/2 pounds. Excellent values.
85X2906—C Finish. Price.....90c
85X2907—E Finish.....90c
85X2908—L Finish. Price.....42c
85X2909—P Finish.....42c



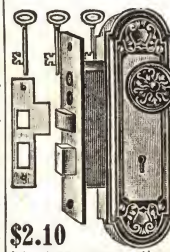
\$1.45

Sliding Door Locks, Single Door Set consists of: Mortise Lock, 5 1/2 x 3 3/4 inches. One key. Flat strike. 2 flush Escutcheons, 7 3/4 x 2 1/2 inches. With screws. Weight, 1 1/2 pounds. Double Door Set is same as above, but has 4 Escutcheons and mortise Strike with pull. Weight, 3 1/2 pounds. Excellent values.
85X2910—C Finish. Price.....\$1.45 Double.....\$2.30
85X2911—E Finish. Price.....\$1.45 Double.....2.30
85X2912—L Finish. Price.....98c Double.....1.50
85X2913—P Finish. Price.....98c Double.....1.50

Turn Door Bell. Solid Bronze Front, 4 1/2 x 2 1/2 inches and 3 1/2 inch nickel plated bronze push button. Weight, 1 1/2 pounds.
85X2916—C Finish. Each.....65c
85X2917—E Finish. Each.....65c
85X2918—L Finish. Each.....40c
85X2919—P Finish. Each.....40c

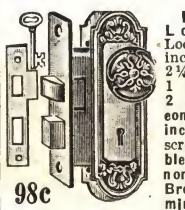


Cylinder Front Door Lock, Solid Bronze Trimmings. Mortise Lock, 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. One bronze cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 x 2 1/4 inch Knobs, swivel spindle. 1 Escutcheon 10 1/2 x 3 1/2 inches. 1 Escutcheon 8 1/2 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 6 pounds. \$7.00 value.
85X2960—C Finish. Each.....\$5.50



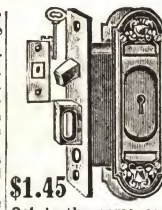
\$2.10

Bit Key Front Door Lock. Mortise Lock, 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch Knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside, and the lock bolt from inside. 1 Escutcheon, 10 1/2 x 3 1/2 inches. 1 Escutcheon, 7 3/4 x 2 1/2 inches. With screws. Reversible. C finish has non-rusting Solid Bronze Trimmings, while L finish has plated steel trimmings. Weight, 3 3/4 pounds. Big values.
85X2962—C finish. Each.....\$2.10
85X2964—L finish. Each.....1.20



98c

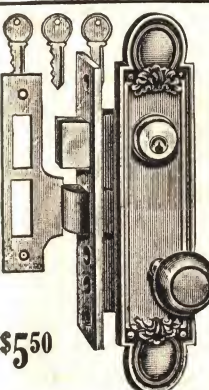
Inside Door Lock. Mortise Lock, 3 3/4 x 3 1/4 inches. 1 pair 2 1/4 inch Knobs. 1 steel bit Key. 2 long Escutcheons, 7 1/2 x 2 1/2 inches. With screws. Reversible. C finish has non-rusting Solid Bronze Trimmings, while the L finish has plated steel trimmings. Weight, 2 1/2 pounds. Excellent values.
85X2966—C finish. Price, each.....98c
85X2968—L finish. Price, each.....42c



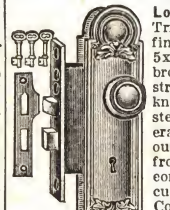
\$1.45

Sliding Door Locks, Single Door Set consists of 4 Mortise Lock 5 1/2 x 3 3/4 inches. One key. Flat strike. 2 flush Escutcheons, 7 3/4 x 2 1/2 inches. With screws. Weight, 2 1/2 pounds. Double Door Set is the same as above, but has 4 Escutcheons and mortise Strike with pull. Weight, 4 pounds. Excellent values.
85X2970—C finish. Price, Single set.....\$1.45 Double.....\$2.30
85X2972—L finish. Price, Single set.....98c Double.....\$1.50

Turn Door Bell. Solid Bronze Front, 4 1/2 x 2 1/2 inches, and 3 1/2 inch nickel plated bronze push button. Weight, 1 1/2 pounds.
85X2974—C finish. Each.....65c
85X2976—C finish. Each.....40c

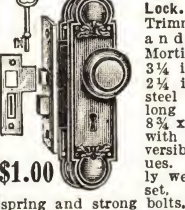


Cylinder Front Door Lock, Solid Bronze Trimmings. Mortise Lock 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. One bronze cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 x 2 1/4 inch Knobs, swivel spindle. 1 Escutcheon 10 1/2 x 3 1/2 inches. 1 Escutcheon 8 3/4 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 5 pounds. Fine values.
85X2980—C Finish. Each.....\$5.50
85X2981—E Finish. Each.....\$5.50



\$2.15

Bit Key Front Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock 5 1/2 x 3 3/4 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch knobs, swivel spindle. 3 steel bit keys, which operate both bolts from the outside and lock bolt from inside. 1 Escutcheon 10 1/2 x 3 1/2 inches. 1 escutcheon 8 3/4 x 2 1/2 inches. Complete with screws. Reversible. Weight, 3 3/4 pounds. Fine values.
85X2982—C Finish. Each.....\$2.15
85X2983—E Finish. Each.....2.15
85X2984—L Finish. Each.....1.25



\$1.00

Inside Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock 3 3/4 x 3 1/4 inches. 1 pair 2 1/4 inch knobs, 1 steel bit key, 2 long Escutcheons 8 3/4 x 2 1/2 inches, with screws. Reversible. Fine values. A thoroughly well made lock set, with easy operation. The design is handsome and well proportioned, and of the latest style. Weight, 2 1/2 pounds.
85X2985—C Finish. Each.....\$1.00
85X2986—E Finish. Each.....1.00
85X2987—L Finish. Each......45



\$1.50

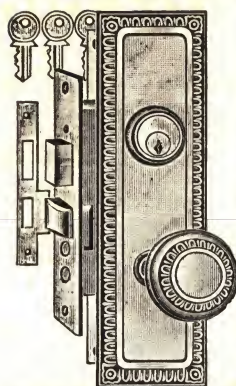
Sliding Door Locks, Single Door Set consists of Mortise Lock 5 1/2 x 3 3/4 inches. One key. Flat Strike. 2 flush Escutcheons, 8 3/4 x 2 1/2 inches. With screws. Weight, 2 pounds. Double Door Set is the same as above but has 4 Escutcheons and mortise strike with pull. Weight, 3 1/2 pounds.
85X2988—C fin. Single.....\$1.50
85X2989—E fin. Single.....2.40
85X2990—L fin. Single.....1.50
85X2991—Double.....2.40
85X2992—L fin. Single.....1.00
85X2993—L Finish. Double.....1.60

Electric Push Button. Solid Bronze Front. Pearl faced button. Size, 3 3/4 x 1 1/2 inches. Weight, 6 ounces.
85X2994—C finish. Each.....40c
 Lightning destroys buildings. Would you be willing to risk all your possessions for the sake of a few dollars that represent the cost of our efficient copper cable lightning rod system?

For Description of Finishes See Previous Page

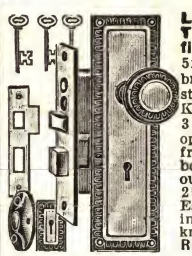
RAVENSWOOD DESIGN

WELL PROPORTIONED



Cylinder Front Door Lock. Solid Bronze Trimmings. Mortise Lock 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. Bronze Cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 inch knobs, swivel spindle. 1 Escutcheon 10 x 2 1/2 inches. 1 Escutcheon, 7 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 5 1/2 pounds. Great value.

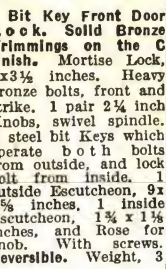
85X3064—C finish. Each \$5.25



Bit Key Front Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside and lock bolt from inside. 1 outside Escutcheon, 9 1/2 x 2 1/2 inches. 1 inside Escutcheon, 1 1/4 x 1 1/4 inches, and rose for knob. With screws. Reversible. Weight, 3 pounds. Excellent value.

85X3066—C finish. Each \$2.10

85X3067—L finish. Each 1.20

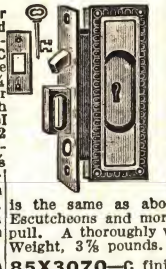


Inside Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock 3 1/2 x 3 1/2 inches. 1 pair 2 1/2 inch knobs, 1 steel bit key. 2 long Escutcheons, 7 x 2 1/2 inches. Reversible. With screws. Weight, 2 pounds. Great value. A thoroughly well made lock set, with easy spring and strong bolts.

85X3068—C finish. Each \$1.00

85X3069—L finish. Each \$1.175

Per dozen 5.25



Door Locks. Single Door Set consists of: Mortise Lock, 5 1/4 x 3 1/4 inches. 1 Key. Flat Strike, 2 flush Escutcheons, 6 1/2 x 2 1/2 inches. With screws. Weight, 2 1/2 pounds. Double Door Set is the same as above, but has 4 Escutcheons and mortise strike with pull. A thoroughly well made lock. Weight, 3 1/2 pounds.

85X3070—C finish. Single \$1.50

85X3070 1/2—Double 2.40

85X3071—L finish. Single 1.90

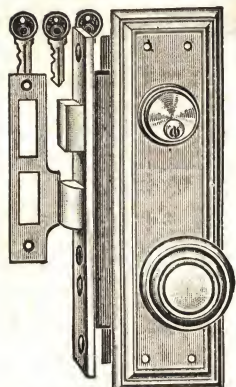
85X3071 1/2—Double 1.60

Turn Door Bell. Solid Bronze Front, non-rusting and 3 inch nickel plated bronze Gong, fine sounding. Size, 3 1/2 x 1 1/4 inches. Ready to attach. Weight, 10 ounces. A high grade, thoroughly well made, durable Turn Door Bell. Handsome and well proportioned. \$1.25 retail value.

85X3072—C finish. Each 65c

GLENDALE DESIGN

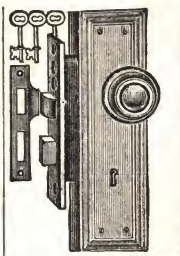
VERY GRACEFUL



Cylinder Front Door Lock. Solid Bronze Trimmings. Mortise Lock 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. Bronze Cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 inch knobs, swivel spindle. 1 Escutcheon 10 x 2 1/2 inches. 1 Escutcheon 8 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 6 pounds. Fine values.

85X2868—C finish. Each \$5.50

85X2869—E finish. Each \$5.50



Bit Key Front Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock 4 1/4 x 3 1/2 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside and lock bolt from inside. 1 Escutcheon 8 1/2 x 2 1/2 inches. 1 Escutcheon 8 x 2 1/2 inches. Complete with screws. Reversible. Weight, 3 pounds. Fine values.

85X2870—C finish. Each \$2.10

85X2871—E finish. Each 2.10

85X2872—L finish. Each 1.20

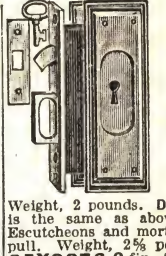


Inside Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock 3 1/2 x 3 1/2 inches. 1 pair 2 1/2 inch knobs, 1 steel bit key. 2 long Escutcheons 8 x 2 1/2 inches. Reversible. With screws. Weight, 2 1/2 pounds. Fine values.

85X2873—C finish. Each \$1.00

85X2874—E finish. Each 1.00

85X2875—L finish. Each45



Sliding Door Locks. Single Door Set consists of: Mortise Lock 5 1/4 x 3 1/4 inches. One Key. Flat Strike. 2 flush Escutcheons, 7 x 2 1/2 inches. With screws. Weight, 2 pounds. Double Door Set is the same as above, but has 4 Escutcheons and mortise strike with pull. Weight, 2 1/2 pounds.

85X2876 C fin. Single. \$1.45

85X2877 Double 2.30

85X2878 E fin. Single. 1.45

85X2879 Double 2.30

85X2880 L fin. Single. .98

85X2881 Double 1.50

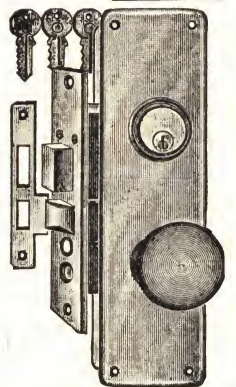
Electric Push Button. Solid bronze front. Size, 1 1/2 x 3 1/2 inches. With neat, pearl face button. Weight, about 3 ounces.

85X2882—C fin. Each 40c

85X2883—E fin. Each 40c

ROGERS PARK DESIGN

PLAIN ROUNDED EDGES

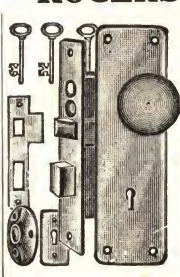


Cylinder Front Door Lock. Solid Bronze Trimmings. Mortise Lock, 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. One bronze cylinder and 3 flat keys, operating both bolts from outside. 1 pair 2 1/2 x 2 1/2 inches knobs, swivel spindle. 1 Escutcheon 9 1/2 x 2 1/2 inches. 1 Escutcheon, 7 1/2 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 5 1/2 pounds.

85X3000—C finish. Each \$5.25

85X3001—E finish. Each \$5.25

85X3002—A finish. Each \$5.25



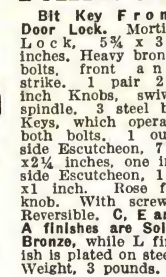
Bit Key Front Door Lock. Mortise Lock, 5 1/4 x 3 1/2 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside and lock bolt from inside. 1 outside Escutcheon, 7 1/2 x 2 1/2 inches. One inside Escutcheon, 1 1/4 x 1 1/4 inches. Rose for knob. With screws. Reversible. C, E and A finishes are Solid Bronze, while L finish is plated on steel. Weight, 3 pounds.

85X3004—C finish. Each \$1.75

85X3005—E finish. Each 1.75

85X3006—A finish. Each 1.75

85X3008—L finish. Each 1.15



Inside Door Lock. Mortise Lock, 3 1/2 x 3 1/2 inches. 1 pair 2 1/2 inch knobs, 1 steel bit key. 2 long Escutcheons, 6 x 2 inches. Complete with screws. Reversible. C, E, and A finishes are non-rusting Solid bronze, while L finish is plated on steel. Weight, 2 pounds.

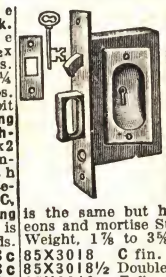
85X3010—C finish. Each 88c

85X3011—E finish. Each 88c

85X3012—A finish. Each 42c

85X3014—L finish. Each 32c

85X3015—L finish with jet black knobs instead of metal. Price 32c



Sliding Door Locks. Single Door Set consists of: Mortise Lock, 5 1/4 x 3 1/4 inches. One Key. Flat Strike. 2 flush Escutcheons, 5 1/2 x 2 1/2 inches. With screws. Weight, 2 pounds. Double Door Set is the same but has 4 Escutcheons and mortise strike with pull. Weight, 1 1/2 to 3 1/2 pounds.

85X3018 C fin. Single \$1.45

85X3018 1/2 Double 2.10

85X3019 E fin. Single 1.45

85X3019 1/2 Double 2.10

85X3020 A fin. Single 1.45

85X3020 1/2 Double 2.10

85X3022 L fin. Single95

85X3022 1/2 Double 1.35

Turn Door Bell. Solid Bronze Front and 3/2 inch nickel plated bronze Gong, ready to attach. Escutcheon, 4 1/2 x 1 1/4 inches. Weight, 1 1/4 pounds. Fin. Each

85X3024 C 65c

85X3025 E 65c

85X3026 A 65c

Electric Push Button. Solid Bronze Front. Size, 4 1/2 inches. Weight, 2 ounces. Fin. Each

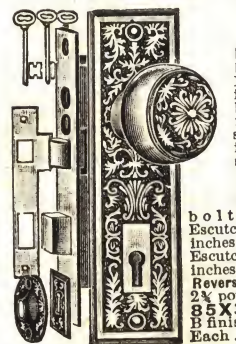
85X3027 C 35c

85X3028 E 35c

85X3029 A 35c

HUBBARD DESIGN

DOOR PUSH PLATES



Bit Key Front Door Lock. Mortise Lock, 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. 2 1/2 inch knobs, swivel spindle. 3 steel bit keys which operate both bolts. 1 outside Escutcheon, 6 1/2 x 1 1/2 inches. 1 inside Escutcheon, 1 1/4 x 1 1/4 inches. With screws. Reversible. Weight, 2 1/2 pounds.

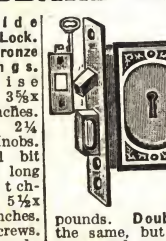
85X3080—B finish. Each \$1.75



Inside Door Lock. Solid Bronze Trimmings. Mortise Lock, 3 1/2 x 3 1/2 inches. 1 pair 2 1/2 inch knobs, 1 steel bit key. 2 long Escutcheons, 5 1/2 x 1 1/2 inches. With screws. Weight, 1 1/2 pounds. Reversible. Weight, 1 1/2 pounds. A thoroughly well made lock set, with easy spring and strong bolts.

85X3082—B finish. Each 88c

Per dozen 10.25



Sliding Door Locks. Single Door Set consists of: Mortise Lock 5 1/4 x 3 1/4 inches. One Key. Flat Strike. 2 flush Escutcheons, 4 x 2 1/2 inches. With screws. Weight, 2 pounds. Double Door Set is the same, but has 4 Escutcheons and mortise strike with pull. Weight, 3 1/2 pounds.

85X3083—B finish. Each \$1.40

85X3084—Double 2.20



Inside Door Lock. With jet black knobs. Wrought steel trimmings. Mortise Lock, 3 1/2 x 3 1/2 inches. 1 pair 2 1/2 inch knobs, 1 steel bit key. 2 long Escutcheons, 5 1/2 x 1 1/2 inches. With screws. Reversible. Weight, 2 pounds. The lock, front bolts and escutcheons are plated steel, but make a satisfactory set.

85X3090—H finish. Each 32c

Per dozen \$3.65



Door Push Plates. Made of wrought metal, either genuine bronze or plated steel. Neat rounded edges. Size, 10 x 2 1/2 inches. Complete with screws. The Solid Bronze Plates are the longest wearing. Weight, 1 1/2 ounces. Great value. This is the only design in Door Push Plates which we list, but because of its plainness it will be found to harmonize well with most any kind of lock set. These plates are made sufficiently thick to prevent their becoming dented in ordinary use.

85X3172—C finish. Each 35c

85X3173—E finish. Each 35c

85X3174—A finish. Each 35c

85X3175—L finish. Each 15c

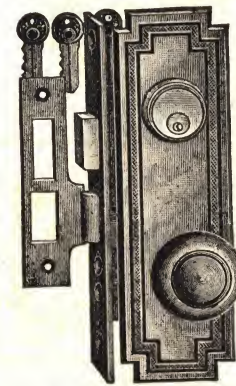
Electric Push Button. Solid Bronze Front. Pearl faced button. Size, 3 1/2 x 1 1/4 inches. Weight, 6 ounces.

85X2866—C finish. Each 40c

85X2867—E finish. Each 40c

OAKDALE DESIGN

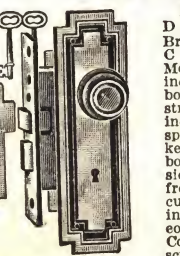
NEAT MISSION EFFECT



Cylinder Front Door Lock. Solid Bronze Trimmings. Mortise Lock, 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. One bronze cylinder and three flat keys. 1 pair 2 1/2 inch knobs, swivel spindle. 1 Escutcheon 12 1/2 x 3 inches. 1 Escutcheon 8 1/2 x 2 1/2 inches, with bolt turn. With screws. Reversible. Weight, 5 pounds.

85X2850—C finish. Each \$5.50

85X2851—E finish. Each \$5.50



Bit Key Front Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise lock, 5 1/2 x 3 1/2 inches. Heavy bronze bolts, front and strike. 1 pair 2 1/2 inch knobs, swivel spindle. 3 steel bit keys, which operate both bolts from outside and lock bolt from inside. 1 Escutcheon 10 1/2 x 3 inches. 1 Escutcheon 8 1/2 x 2 1/2 inches. Complete with screws. Reversible. Weight, 3 1/4 pounds. Fine values.

85X2854—C finish. Each \$2.10

85X2855—E finish. Each 2.10

85X2856—L finish. Each 1.20

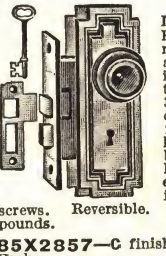


Inside Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock, 3 1/2 x 3 1/2 inches. 1 pair 2 1/2 inch knobs, 1 steel bit key. 2 long Escutcheons, 8 1/2 x 2 1/2 inches. With screws. Reversible. Weight, 2 1/2 pounds.

85X2857—C finish. Each \$1.00

85X2858—E finish. Each 1.00

85X2859—L finish. Each 42c



Sliding Door Locks. Single Door Set consists of: Mortise Lock, 5 1/4 x 3 1/4 inches. One key. Flat strike. 2 flush Escutcheons, 5 1/2 x 2 1/2 inches. With screws. Weight, 2 pounds. Double Door Set, 4 Escutcheons and mortise strike with pull.

85X2860 C fin. Single \$1.45

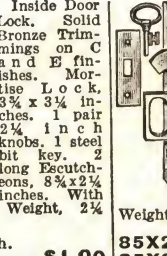
85X2861 C fin. Double 2.30

85X2862 E fin. Single 1.45

85X2863 E fin. Double 2.30

85X2864 L fin. Single98

85X2865 L fin. Double 1.50



Electric Push Button. Solid Bronze Front. Pearl faced button. Size, 3 1/2 x 1 1/4 inches. Weight, 6 ounces.

85X2866—C finish. Each 40c

85X2867—E finish. Each 40c



85X2866—C finish. Each 40c

85X2867—E finish. Each 40c

Electric Push Button. Solid Bronze Front. Pearl faced button. Size, 3 1/2 x 1 1/4 inches. Weight, 6 ounces.

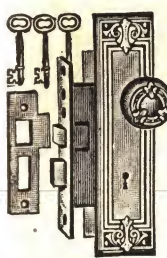
85X2866—C finish. Each 40c

85X2867—E finish. Each 40c

Atwood Design

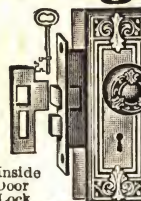
For Description of Finishes
See Previous Pages

Riverview Design



Bit Key Front Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise Lock, 4 1/2 x 3 1/2 in., heavy bronze bolts, front and strike, 1 pair, 2 1/2 inch knobs, a swivel spindle, 3 steel bit keys, which operate both bolts from outside and lock bolt from inside. 1 escutcheon 10x2 1/2 in. 1 escutcheon 7 1/2 x 2 1/2 inches. Complete with screws. Reversible. Fine values. Weight, 3 1/2 lbs.

85X2886—C finish. Each..\$2.10
85X2887—E finish. Each.. 2.10
85X2888—L finish. Each.. 1.20



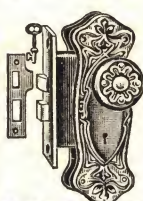
Sliding Door Lock. Set consists of: Mortise Lock, 5 1/2 x 3 1/2 in. One key. Flat strike, 2 1/2 inch. Flush escutcheons, 7 1/2 x 2 1/2 in. With screws. Wt., 2 lbs. Double door set has 4 escutcheons and a mortise strike with pull. Weight, about 2 1/2 lbs.

85X2892—C finish. Single.....\$1.45
85X2893—Double.. 2.30
85X2894—E finish. Single..... 1.45
85X2895—Double.. 2.30
85X2896—L finish. Single..... .98
85X2897—Double.. 1.50



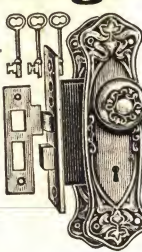
Sliding Door Lock. Set consists of: Mortise lock, 5 1/2 x 3 1/2 in. One key. Flat strike, 2 1/2 inch. Flush escutcheons, 8 1/2 x 2 1/2 in. With screws. Wt., 2 lbs. Double Door Set has 4 Escutcheons and mortise strike with pull. Average wt., 2 1/2 lbs.

85X3118—C finish. Single.....\$1.45
85X3119—Double.. 2.30
85X3120—E finish. Single..... 1.45
85X3121—Double.. 2.30
85X3122—L finish. Single..... 1.00
85X3123—Double.. 1.50



Bit Key Front Door Lock. Solid Bronze Trimmings on C and E finishes. Mortise lock, 4 1/2 x 3 1/2 in., heavy bronze bolts, front and strike, 1 pr. 2 1/2 in. knobs, a swivel spindle, 3 steel bit keys, which operate both bolts from outside and lock bolt from inside. 2 escutcheons, 11x3 in. Complete with screws. Reversible. Fine values. Weight, 3 lbs.

85X3112—C finish. Each..\$2.10
85X3113—E finish. Each.. 2.10
85X3114—L finish. Each.. 1.20



We Believe in Quality



Durable
(With Cylinder Lock)
Genuine Wrought Bronze

Set comprises: One mortise cylinder lock, size 5 1/2 x 3 1/2 inches, three keys; two solid bronze handles and two solid bronze plates, size 3 in. by 1 1/2 in. Lock is reversible. A fine, high grade lock set. Wt., 7 lbs.

85X3150—A finish. Per set.....\$6.25
85X3151—C finish. Per set.....\$6.25
85X3152—E finish. Per set.....\$6.25

Store Door Handles and Locks



(With Flat Key Lock) Genuine Wrought Bronze Set comprises: One mortise lock (see Mortise Lock description); two solid bronze handles, with large, genuine bronze plates, 3 in. by 1 1/2 in. Wt., 4 1/2 lbs.

85X3154—C finish. Per set.....\$4.25
85X3155—E finish. Per set.....\$4.25
85X3158—L finish. Per set.....\$2.10



(With Flat Key Lock.) Plated Wrought Steel Trimmings Set comprises: One mortise lock (see Mortise Lock description); two heavy steel handles, with large steel plates, 3 in. by 1 1/2 in.; two nickel plated flat steel keys. Wt., 3 1/2 lbs. Size of lock about 4 1/2 x 3 in.

85X3164—L finish. Per set.....\$2.15



Mortise Lock INCLUDED WITH 85X3154 to 85X3166 STORE DOOR HANDLES. Case, 4 1/2 x 3 in. Bronze bolts. Reversible. Easy flat steel keys.



Economical

(With Flat Key Lock) Ornamental Cast Iron Design

Set comprises: One mortise lock (see Mortise Lock description). 4 1/2 x 3 inches, flat front; easy spring; bronze bolts; two flat steel keys; two iron handles, with plates. Size of plates, 2 1/2 x 1 3/4 inches. Reversible. Wt., 2 1/2 lbs.

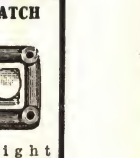
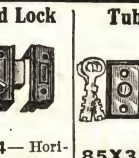
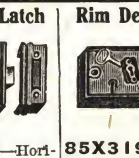
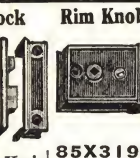
85X3166—H finish. Per set.....\$1.75



Steel Rim Lock
Lighter and very much stronger than the common cast iron kind.

85X3185—Up right Lock. Size 4x3 in. With iron bolts, tinne malleable key, japanned escutcheons and screws. Reversible. (Without knobs.) Each..22c Per dozen.....\$2.50

85X3186—Horizontal Lock. Size 5x3 1/2 in. Nickel plated steel key, screws, japanned escutcheons. Wt., 1 lb. Each (without knobs).....\$0.27 Per dozen..... 3.20



85X3180—Upright Lock. Size 4x3 1/2 in. With iron bolts, tinne malleable key, japanned escutcheons and screws. Reversible. Wt., 1 lb. Each (without knobs) \$0.11 Per dozen..... 1.25

85X3182—Upright Lock. Size 4x3 1/2 inches. Similar to above, but with stop, brass bolt, and nickel plated steel key. Each (without knobs) \$0.27 Per dozen..... 3.10

85X3190—Horizontal Lock. Size, 4 1/2 x 4 1/2 in. With stop, iron bolt, and tinne malleable key; japanned escutcheons. Complete with screws. Wt., 1 1/2 lbs. Each (without knobs) \$0.11 Per dozen..... 1.25

85X3196—Horizontal Rim Knob Lock. Japanned iron case. Has no lock bolts. Size of case, 3 1/2 x 2 1/2 inches, with iron bolt, complete with screws. Wt., 1/2 lb. Each (without knobs) \$0.10 Per dozen..... 1.15

85X3194—Horizontal Rim Dead Locks. Size of case, 2 1/2 x 3 in. 1 tinne malleable iron key. Cannot be used with knobs. Complete with screws and japanned escutcheon. Wt., 1/2 lb. Each..... 9c Per dozen.....98c

85X3206—Japanned Rim Lock. Size, 3x2 in. for doors 1 to 1 1/2 in. thick. Bronze key plate with 2 steel keys, bronze plated turn knob. Reversible for right or left hand, and complete with regular and reverse bevel strike. With screws. Wt., 1/2 lb. Each.....28c

85X3210—Rim Night Lock. Brass knob and escutcheon. Japanned iron case. Size, 3 1/2 x 2 1/2 inches. With screws; 3 steel keys. Lock is operated from the outside by the key only and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on the inside; suitable for doors from 3/4 to 2 1/2 in. thick. Reversible. With reverse bevel strike. Wt., 1 1/2 lbs. Each.....\$1.20



Steel Mortise Lock

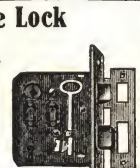
85X3218—Reversible Wrought Steel Mortise Lock. Size of case, 3 1/2 x 3 1/2 in. Brass front and striking plate, nickel plated steel key. Wt., 1 1/2 lbs. Each (without knobs) \$0.40 Per dozen..... 4.75



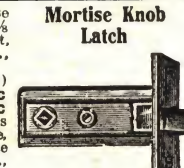
Iron Mortise Lock

85X3212—Reversible Mortise Lock. Size, 3 1/2 x 3 1/2 in. Iron front, bolt, and strike-plate. Wt., 1 lb. (Without knobs.) Each.....\$0.16 Per dozen..... 1.80

85X3214—With brass front, brass bolts, nickel plated steel key. Each (without knobs) \$0.30 Per dozen..... 3.40



85X3216—Reversible Mortise Lock. Japanned; size of case 3 1/2 x 3 1/2 in. With polished iron front, bolts, and strike-plate, with steel key. (Without knobs.) Wt., 1 lb. Each.....\$0.18 Per dozen..... 2.10



85X3220—Mortise Lock. Size, 1 1/2 x 3 1/2 in. Iron front, bolt, and strike-plate. Wt., 6 oz. Each (without knobs) 8c Per dozen.....90c

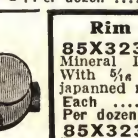
85X3221—Brass front and strike-plate, bronze bolt, otherwise same as above. Wt., 6 oz. Each (without knobs) 15c Per dozen.....\$1.70



Door Holder

Very neat and convenient. Has a rubber tip and will not injure the floor. Operated entirely with the foot. Length, 4 1/2 in. Diameter of bolt, 1/2 in., with a 1/2 in. drop. Wt., 10 oz.

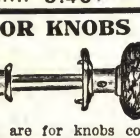
85X3692—G finish. Each.....18c
85X3693—L finish. Each.....32c



Door Bolt

Solid bronze Mortise Door Bolt. Works Smoothly. Steel with screws. Wt., 1 lb.

85X3516—A finish. Each.....20c
85X3517—C finish. Each.....20c



Door Knobs

Prices are for knobs complete with spindle, but do not include the wood screws for fastening the round roses to door. (We suggest flat head japanned screws, 1/2 in. No. 6.) Illustration shows a Mineral Rim Knob, with one rose. (Mortise knobs have two roses.) Average wt., per pair, 1/2 lb.

Mortise Knobs

85X3231—Brown Mineral Door Knobs. With 5/8 in. spindle, japanned mountings. Each.....8c Per dozen.....95c

Door Bolt

85X3522—Wrought Steel, practically unbreakable. Japanned steel plate, with 1 1/2 in. steel handle. Without screws. Wt., 7 oz. to 12 oz. each. Leth. Doz. Each 4 in. \$0.85 8c 5 in. 1.00 8c 6 in. 1.15 10c

Door Letter Plate

A high-grade solid bronze, non-rusting, letter drop plate, in the popular finishes



Fastens in the door, flush with the outside. Presents a neat appearance. A spring keeps the flap closed at all times. Complete with screws. Size of outside plate, 7x2 in. Wt., 5 lb.

85X3292—A finish. Each 70c
85X3293—C finish. Each 70c
85X3294—E finish. Each 70c



Plated Base Knob

Wrought steel, well finished with a large thick rubber button and a strong screw. Strong and neat. Length, 2 1/2 in. Wt., each, 2 oz.

85X3250—K finish. Per dozen.....75c Each..... 7c
85X3251—L finish. Per dozen.....75c Each..... 7c



Door Pull

A neat and well finished plated wrought steel Door Pull, suitable for screen doors, house doors, drawer pull, etc. Size, 4 1/2 in. With screws. Wt., 1 oz.

85X3265—L finish. Per dozen.....22c

Door Stop

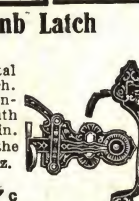
85X3254—Birch. Length, 2 1/2 in. With strong screw and rubber tip. Wt., per dozen, 1 lb.

85X3255—Oak or Ash. Length, 2 1/2 in. With strong screw and rubber tip. Per dozen.....\$0.15 Per gross..... 1.75

Iron Thumb Latch

A neat ornamental cast iron Thumb Latch. Plain dark bronzed finish. Not furnished with screws. Length, 6 1/2 in. Suitable for any but the hardest use. Wt., 7 oz.

85X3270—Per set..... 7c Per doz. sets.....80c

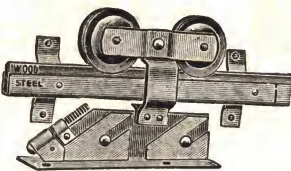


BUILDERS' HARDWARE. STANDARD GOODS AT LOW PRICES

Steel Parlor Door Hangers

Easy Running and Noiseless

Easy to put up, and quickly adjusted. Steel hanger, with steel wheels. Has hard fibre tread, and runs on brass bushings. Require no oiling. Impossible to derail. No cutting necessary on door. Rail is seasoned hard maple, held in a heavy steel channel. Steel channels are notched 6 and 12 inches from ends, so desired lengths are obtainable by sawing through wood and breaking steel. Prices include Hangers, Screws, Roller Guides, Stops, and Track.



185X3702—Double Door Set. With 14 foot track. Shipping weight, 20 pounds. Set.....\$3.25
185X3704—Single Door Set. With 8 foot track. Shipping weight, 9½ pounds. Set.....\$1.75

Double Acting Floor Hinges



Noiseless Surface Spring Hinges. Ball bearing. Easily attached by sawing out a small piece at the bottom of the door. Concealed by finely finished plate. No mortising in the floor. The tension of the spring can be adjusted to meet any requirements.

(With screws.) Wt. 1½ to 4 lbs.

For Doors Thick, inches	85X3680 Japanned	85X3681 Bronze plated	85X3682 L finish Antique Copper
1½ to 2	\$0.75	\$0.85	\$0.85
2 to 2½	1.05	1.10	1.10

Barn Door Hanger



85X3900—Heavy Wrought Steel with a Roller Bearing Iron Wheel. Diameter, 3¼ inches. Suitable for any size door or any length of run. The hinge joint prevents the door from binding. It can not be thrown off the track. Complete, with bolts. Weight, per pair, 6½ pounds. Per pair.....55c

STEEL BARN DOOR RAIL

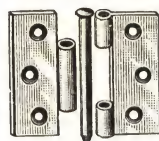
185X3901—Round Edge Steel Brackets, countersunk for ¼ inch screws. Size, 1¼x3¼ inch. Lengths 4, 6, 8 and 10 feet. (Without screws.) Ship. wt., lbs. 4 6 8 10 Per length.....18c 27c 36c 45c

Barn Door Hoist For Hay Lofts, Etc.



185X3945—A labor-saving, well made device for handling sliding vertical doors in hay lofts, etc. Consists of a strong 5-inch iron drum (self-locking at any point); three heavy iron pulleys; one heavy iron clamp, for fastening cable to door. Nicely japanned. Shipping weight, 28 pounds. Per set.....\$4.85
185X3946—Wire Cable for above. Size, ¼ inch. Weight, 100 feet, 12½ pounds. Per foot.....2½c

Plain Wrought Butts



85X3632 Wrought Steel Reversible Butts. With planished surface (without screws). Weight, pair, 1½ lbs.

Size Open Inches	Takes screws	Per Dozen pairs	Price Per pair
2 x 2½	No. 10	\$0.72	7c
2 x 3	No. 10	1.00	10c
2 x 3½	No. 11	1.15	11c
2 x 4	No. 11	1.40	14c
2 x 4½	No. 12	1.78	18c

Plated Steel Door Butts

Ball Tips—Loose Pins. Standard grade. Smooth, planished surface. With screws. In two finishes. Both the same price. **85X3600**—L finish. Polished antique copper. **85X3602**—P finish. Dull lemon brass.

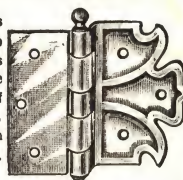
Size Inches	Weight, per pair	Price Per pair	Price Per dozen pairs
2 x 2½	5 ounces	16c	\$1.85
2 x 3	8 ounces	17c	1.92
2 x 3½	12 ounces	17c	1.95
2 x 4	19 ounces	18c	2.00
2 x 4½	26 ounces	22c	2.50

EXTRA QUALITY BUTTS With finely ground and polished surface and joint. With screws. In two finishes, both the same price.

Size, inches	85X3605—L finish. Polished antique copper.	85X3607—P finish. Dull lemon brass.	3x3	3½x3½	4x4	5x5
2x2	\$0.32	\$0.37	\$0.40	\$0.44	\$0.67	
Dozen pair	3.75	4.35	4.70	5.15	7.95	
Wt., pair, oz.	5	12	19	29	45	

Half Mortise Steel Butts

One-half the butt is mortised in the jamb and the other half is screwed on the surface of the door. Made of heavy wrought steel. Reversible. With screws. In two finishes, both the same price.



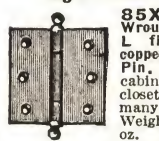
Size, inches	Weight, Per pair	Per pair	Dozen pairs
3	1 pound	27c	\$3.15
3½	1½ pounds	28c	3.25
4	2 pounds	36c	4.20

Wrought Brass Butts

85X3645—Brass Butts (with fast joint). Useful for a great many purposes. Weight, per dozen pair 3 ounces to 3 pounds. (Without screws.)

Size open, in.	Takes Screws	Dozen pairs	Per pair
¾ x ¾	No. 2	\$0.24	2c
1 x ¾	No. 2	.30	3c
1½ x ¾	No. 3	.38	4c
1½ x 1	No. 4	.48	5c
1½ x 1½	No. 5	.60	6c
2 x 1½	No. 6	.75	7c
2½ x 1½	No. 8	1.20	12c

Light Loose Pin Butts



85X3625—Wrought Steel Butts. L finish. Antique copper finish. Loose Pin. Ball Tip. For cabinet work, china closet doors, and many other uses. Weight, pair, 4 or 6 oz. (With screws.)

Size, Open inches	Dozen pairs	Per pair
2 x 2	\$1.60	14c
2½ x 2½	1.70	15c

Have You a Copy of Our Latest General Catalogue? If not, send for it to-day. It will be mailed promptly, postpaid.

Strong Corrugated T-Hinges



85X3832—Wrought Steel Corrugated T-Hinges. The corrugations about the joints greatly increase the strength and prevent binding on the pin.

Size, inches	Width joint, inches	Use screws	Doz. pairs	Per pair
2 x 2	3½	No. 10	\$0.90	8c
2½ x 2½	4½	No. 10	1.10	10c
3 x 3	5½	No. 12	2.50	22c
3½ x 3½	6½	No. 14	3.70	32c

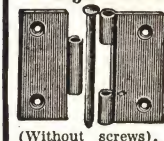
Strong Corrugated Strap Hinges



85X3824—Wrought Steel Corrugated Strap Hinges. The corrugations greatly increase the strength. These hinges, though lighter, are considered stronger than plain hinges. Sizes given are one-half the total length of hinge when open. Weights, pair, ½ to 3½ pounds. (Without screws.)

Size, inches	Width at joint, in.	Use Screw	Per dozen pair	Per pair
4	1½	No. 8	\$0.68	6c
5	1½	No. 8	.93	8c
6	2½	No. 10	1.20	10c
8	3½	No. 10	1.90	17c
10	3½	No. 14	2.90	25c

Light Narrow Butts



85X3634 Plain Wrought Steel Butts. Loose pin. Convenient for many purposes. Weight, per pair, 1 to 5 ounces. (Give size.)

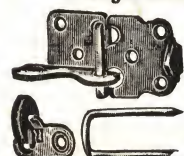
Size, inches	Width, open, inches	Takes screws	Doz. pairs	Per pair
1½	1½	No. 5	\$0.32	3c
1½	1½	No. 6	.36	3c
1½	1½	No. 6	.40	4c
1½	1½	No. 6	.44	4c
1½	1½	No. 6	.48	4c
1½	1½	No. 6	.52	5c
1½	1½	No. 6	.56	5c
1½	1½	No. 6	.60	6c

Narrow Steel Butts

85X3636—Plain wrought steel butts. Fast joint. Width, when open, is a little less than the length. (Without screws.) Weight, pair, 1 to 5 ounces.

Size, inches	Takes screws	Dozen pairs	Per pair
1½	No. 3	14c	2c
1½	No. 3	18c	2c
1½	No. 3	24c	3c
1½	No. 3	29c	3c
1½	No. 3	33c	4c
1½	No. 3	37c	4c
1½	No. 3	40c	4c
1½	No. 3	54c	5c

Wrought Steel Blind Hinges



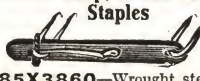
85X3850—Practically unbreakable. For wood buildings. Operate the same as cast iron hinges. Reversible. Set includes four hinges and two latches. With screws. Weight, per set, 1 pound. Per doz, sets \$3.25 Price, per set .28

Self Hooking Hasp



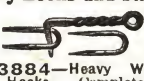
85X3864—Self Hooking. Made of wrought steel. Simple and secure. May be used with padlock. Length, 7¼ inches. Weight, each, 6 oz. Per dozen .48c Each .5c

Steel Hasp, Hooks and Staples



85X3860—Wrought steel. Strong and serviceable. Weight, each, 7 ounces to 12 ounces. Length 6 in. 8 in. 10 in. Each .2c 4c 5c Dozen .24c 36c 50c

Heavy Hooks and Staples



85X3884—Heavy Wrought Steel Hooks. Complete with strong staples. Size Weight Per doz. Each 4 in. 3 oz. 16c 2c 6 in. 4 oz. 22c 3c

Steel Hinge Hasps

85X3854—Strong Standard Goods. Made of wrought steel. (Without screws.) Weight, each, 6 to 16 ounces.

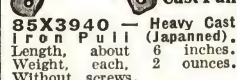
Length Strap	Full Length	Per Dozen	Price Each
3 in.	6 in.	\$0.45	4c
4 in.	7 in.	.55	5c
4 in.	12 in.	.84	7c
10 in.	15 in.	1.35	12c

Combination Steel Barn Door Latch



85X3874—Combination Automatic Sliding or Swinging Door Latch with attachment for padlock. The latch can be thrown back, leaving the edge of the door clear. It has an inside latch and pull. Reversible right or left. (Without screws.) Length, 8 inches. Weight, 1½ pounds. Each .24c

Barn Door Cast Pull



85X3940—Heavy Cast Iron Pull (Japanned). Length, about 6 inches. Weight, each, 2 ounces. Per dozen .35c Each .3c
85X3941—Heavy Japanned Wrought Steel Pull (with screws). Length, 10½ inches. Weight, each, 12 oz. Each .16c Per dozen 1.85

Barn Door Stay Rollers

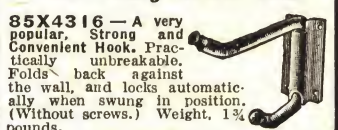


85X3936—A Popular, Inexpensive Steel Stay Roller. Japanned finish. Wrought shank, iron wheel. Diameter of shank, ¾ in. Length, 7 inches. Diameter of wheel, 2 inches. Weight, each, ¾ pound. Per doz. .58c Each .5c



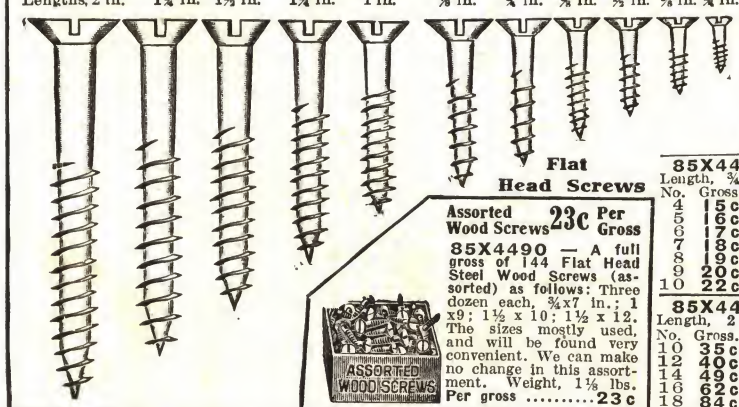
85X3932—Adjustable and Reversible Wrought Steel Stay Roller. (Without screws.) Weight, each, 14 ounces. Per dozen .85c Per Each .7c

Steel Folding Harness Hook



85X4316—A very popular, Strong and Convenient Hook. Practically unbreakable. Folds back against the wall, and locks automatically when swung in position. (Without screws.) Weight, 1½ pounds. Length, 10 in. Doz. \$1.40 Each .13c Length, 12 in. Doz. 1.95 Each .17c

BEST QUALITY STEEL WOOD SCREWS



SHARP GIMLET POINTS. FLAT HEADS

Length, ¼ inch.	85X4460	Length, ⅜ inch.	85X4461	Length, ½ inch.	85X4462	Length, ⅝ inch.	85X4463
No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.
1 14c 2c	1 14c 2c	2 15c 2c	2 15c 2c	3 16c 2c	3 16c 2c	4 17c 2c	4 17c 2c
2 15c 2c	2 15c 2c	3 16c 2c	3 16c 2c	4 17c 2c	4 17c 2c	5 18c 2c	5 18c 2c
3 15c 2c	3 15c 2c	4 17c 2c	4 17c 2c	5 18c 2c	5 18c 2c	6 19c 2c	6 19c 2c

Length, ¾ inch.	85X4464	Length, 1 inch.	85X4465	Length, 1 ¼ inch.	85X4466	Length, 1 ½ inch.	85X4467	Length, 1 ¾ inch.	85X4468	Length, 2 inch.	85X4469
No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.
4 18c 2c	4 18c 2c	5 19c 2c	5 19c 2c	6 20c 2c	6 20c 2c	7 21c 2c	7 21c 2c	8 22c 2c	8 22c 2c	9 23c 2c	9 23c 2c
5 19c 2c	5 19c 2c	6 20c 2c	6 20c 2c	7 21c 2c	7 21c 2c	8 22c 2c	8 22c 2c	9 23c 2c	9 23c 2c	10 24c 2c	10 24c 2c
6 20c 2c	6 20c 2c	7 21c 2c	7 21c 2c	8 22c 2c	8 22c 2c	9 23c 2c	9 23c 2c	10 24c 2c	10 24c 2c	11 25c 2c	11 25c 2c
7 21c 2c	7 21c 2c	8 22c 2c	8 22c 2c	9 23c 2c	9 23c 2c	10 24c 2c	10 24c 2c	11 25c 2c	11 25c 2c	12 26c 2c	12 26c 2c
8 22c 2c	8 22c 2c	9 23c 2c	9 23c 2c	10 24c 2c	10 24c 2c	11 25c 2c	11 25c 2c	12 26c 2c	12 26c 2c	13 27c 2c	13 27c 2c
9 23c 2c	9 23c 2c	10 24c 2c	10 24c 2c	11 25c 2c	11 25c 2c	12 26c 2c	12 26c 2c	13 27c 2c	13 27c 2c	14 28c 2c	14 28c 2c
10 24c 2c	10 24c 2c	11 25c 2c	11 25c 2c	12 26c 2c	12 26c 2c	13 27c 2c	13 27c 2c	14 28c 2c	14 28c 2c	15 29c 2c	15 29c 2c

Length, 2 inch.	85X4470	Length, 2 ¼ inch.	85X4471	Length, 2 ½ inch.	85X4472	Length, 3 inch.	85X4473	Length, 3 ½ inch.	85X4474	Length, 4 inch.	85X4475
No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.	No. Gross. Doz.
10 35c 4c	10 35c 4c	12 40c 5c	12 40c 5c	14 45c 6c	14 45c 6c	16 50c 7c	16 50c 7c	18 55c 8c	18 55c 8c	20 60c 9c	20 60c 9c
12 40c 5c	12 40c 5c	14 45c 6c	14 45c 6c	16 50c 7c	16 50c 7c	18 55c 8c	18 55c 8c	20 60c 9c	20 60c 9c	22 65c 10c	22 65c 10c
14 45c 6c	14 45c 6c	16 50c 7c	16 50c 7c	18 55c 8c	18 55c 8c	20 60c 9c	20 60c 9c	22 65c 10c	22 65c 10c	24 70c 11c	24 70c 11c
16 50c 7c	16 50c 7c	18 55c 8c	18 55c 8c	20 60c 9c	20 60c 9c	22 65c 10c	22 65c 10c	24 70c 11c	24 70c 11c	26 75c 12c	26 75c 12c
18 55c 8c	18 55c 8c	20 60c 9c	20 60c 9c	22 65c 10c	22 65c 10c	24 70c 11c	24 70c 11c	26 75c 12c	26 75c 12c	28 80c 13c	28 80c 13c

Flat Head Screws

Assorted Wood Screws 23c Per Gross
85X4490—A full gross of 144 Flat Head Steel Wood Screws (assorted) as follows: Three dozen each, ¼ x 1½ in., 1 x 9 in., 1½ x 10 in., 2 x 12 in. The sizes mostly used, and will be found very convenient. We can make no change in this assortment. Weight, 1½ lbs. Per gross.....23c

Hardware Trimmings for the Home

Sash Fasteners



Weight,
Per
Dozen
About 3
Pounds

A well known east iron sash fastener. Sold at a moderate price. Each fastener is packed complete with screws to match. Weight, per dozen, about 3 pounds.
85X3330—G finish. Per dozen.....**38c**
85X3332—L finish. Per dozen.....**45c**
85X3334—M finish. Per dozen.....**48c**
85X3336—C finish. Solid Bronze. Each.....**\$3.00**
 Price, each.....**.26**



A neat, ornamental, east iron sash fastener. Each fastener is packed with screws to match. Weight, per dozen, 3 pounds.
85X3345—G finish. Ogee tipped. Per dozen.....**48c**
85X3346—G finish. With iron bronzed metal knob. Per dozen.....**60c**

Wrought Steel



Solid wrought steel, will not break. Draws sash tightly together. With screws. Weight, per dozen, 3 pounds.
85X3340—G finish. Per dozen.....**38c**
85X3341—K finish. Per dozen.....**45c**
85X3342—L finish. Per dozen.....**45c**

Sash Fasteners



A neat, ornamental east iron sash fastener. Each fastener is packed complete with screws to match. Weight, per dozen, 3 pounds.
85X3350—G finish. Per dozen.....**43c**



A plain, heavy east iron sash fastener. Neat and well finished. Holds sash at any height and prevents rattling. Cast iron. Can be used on windows not equipped with weights. With screws. Weight, each, 2 ounces.
85X3360—K finish. Per dozen.....**75c**
85X3361—L finish. Per dozen.....**75c**



Side
Sash
Fastener

Holds sash at any height and prevents rattling. Cast iron. Can be used on windows not equipped with weights. With screws. Weight, each, 2 ounces.
85X3352—L finish. Per dozen.....**50c**

Case Window Fasteners



A neat, strong, well made fastener for swinging windows. Plated cast iron, finished. Reversible for right or left hand. Size, 1½x1½ inches. With screws to match. Weight, each, 4 ounces.
85X3372—L finish. Per dozen.....**\$1.25**
85X3373—K finish. Per dozen.....**\$1.25**
85X3374—L finish. Per dozen.....**\$1.25**



A neat, strong, well made fastener for swinging windows. Plated cast iron, finished. Reversible for right or left hand. Size, 1½x1½ inches. With screws to match. Weight, each, 4 ounces.
85X3375—L finish. Per dozen.....**\$1.25**



85X3370—Japanned cast iron. Suitable for case, sash, and attic windows, etc. Packed complete, with screws. Weight, each, 2 ounces.
 Per gross.....**\$3.00**
 Per dozen.....**.26**

Hook Sash Lifts



Bevel edges. With screws. Weight, per dozen, about 10 ounces. Size, 1½x1½ inches.
85X3420—L finish. Wrought steel. Per dozen.....**24c**
85X3421—C finish. Solid bronze. Per dozen.....**50c**



85X3424—L finish. Plated cast iron with screws to match. Size, 1½x1½ inches. Weight, per dozen, about 10 ounces.
 Per dozen.....**25c**

Bar Sash Lifts, or Drawer Pulls



A neat, strong, solid wrought bronze sash lift. Handsomely finished. Length of bar, 3 inches. Packed complete with screws to match. Weight, each, 3 ounces.
85X3426—C finish. Each.....**.15**
85X3427—A finish. Per doz.....**\$1.75**



An attractive, strong, cast iron sash lift. Handsomely finished. Total length, 5 inches. Inside measurement, 3½ inches. Packed with screws to match. Also makes a very satisfactory Drawer Pull or Door Pull. Weight, each, 4 pounds.
85X3430—L finish. Per dozen.....**40c**
85X3431—K finish. Per dozen.....**40c**
85X3432—L finish. Per dozen.....**40c**

Screen Hanger



85X3782—Wrought steel, japanned. For hanging full size window screens at the top. Wire Gate Hooks may be used at bottom. With screws. Weight, per dozen sets, 2½ pounds.
 Per dozen sets.....**67c**

Screen Numbers



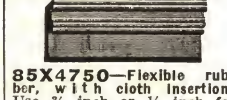
Polished copper head, enamel filled, numbered nails for marking window screens, storm sash, etc. Illustration shows full size nail. Numbered consecutively. Weight, hundred, 4 ounces.
85X4550—Per package (25 nails), 1 to 25.....20c
85X4554—Per package (99 nails), 1 to 99.....80c

Stop Screws



For fastening window and door stops. Attractive, and easily applied. With 1¼ inch steel screws. Weight, per gross, 1½ pounds.
 Number Finish Gross
85X3404 L \$0.52
85X3405 M .55
85X3406 A 1.85
85X3407 C 2.00

Rubber Weather Strip



85X4750—Flexible rubber, with cloth insertion. Use ¾ inch or 1 inch for windows, ¾ inch for sides and top of doors. 1 inch for bottom of doors. Weight, 25 foot roll, ½ to 1 pound.

Width	Per Roll 50 ft.	Per Roll 25 ft.
¾ in.	\$0.63	33c
1 in.	.75	38c
1 1/8 in.	1.00	50c
1 1/2 in.	1.25	63c

Iron Sash Pulleys

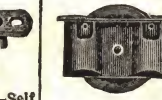


85X3572—Conical cast iron pulley with square ends. Free running, with polished face. Weight, per dozen, 4½ pounds. (Without screws.) Use No. 9. Per dozen.....**24c**



85X3574—Self marking pulleys. Inserted by boring 5 holes. (Centers marked by edge.) Polished, 2 inch wheel. (Without screws.) Weight, per dozen, 4 lbs. Per dozen.....**24c**

Steel Pulley



85X3575—Smoothly made of pressed steel. Free running, 2 inch wheel. No screws needed. Weight, per dozen, 1½ pounds. Per dozen.....**24c**

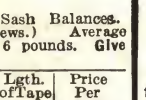
Spring Sash Balances



Improved balances. The same mortise will take all size balances. Can be applied to old houses where weights cannot be used, as requires no pocket or box frame. Easily put in and operate noiselessly. Have steel tension spring and rustless metal tape. A set consists of 4 balances, enough for one complete window.
85X3571—Sash Balances. (Without screws.) Average weight of set, 6 pounds. Give size.

Weight of Each Sash Glazed	Length of Tape in ft.	Price Per Set
4 to 5 lbs.	30	\$0.87
6 to 7 lbs.	30	.88
8 to 9 lbs.	30	.98
10 to 11 lbs.	46	1.08
12 to 13 lbs.	46	1.18
14 to 15 lbs.	46	1.20
16 to 17 lbs.	46	1.35
18 to 19 lbs.	46	1.45
22 to 23 lbs.	46	1.70

Brass Sash Balances



85X4192—Polished wrought brass knob. With gilt finish. Weight, dozen, 6 to 10 ounces. Diam., 1 in. Per dozen.....**35c**
 Diam., 1½ in. Per dozen.....**45c**
 Diam., 1½ in. Per dozen.....**55c**

Stamped Drawer Pulls



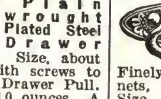
A very neat, plain, solid wrought bronze design. Handsomely finished. Length, 3½ inches. With screws to match. Weight, per dozen, 14 ounces.
85X3500—A Finish. Per dozen.....**75c**
85X3501—C Finish. Per dozen.....**75c**



85X3574—Self marking pulleys. Inserted by boring 5 holes. (Centers marked by edge.) Polished, 2 inch wheel. (Without screws.) Weight, per dozen, 4 lbs. Per dozen.....**24c**



85X3575—Smoothly made of pressed steel. Free running, 2 inch wheel. No screws needed. Weight, per dozen, 1½ pounds. Per dozen.....**24c**



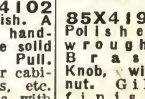
85X3575—Smoothly made of pressed steel. Free running, 2 inch wheel. No screws needed. Weight, per dozen, 1½ pounds. Per dozen.....**24c**

Cast Brass Pulls



85X4102—A very handsome solid brass pull. Finely plated. Suitable for cabinets, china-closets, drawers, etc. Size, 1½x1 inches. Bolts with nuts. Weight, per dozen, about 3 pounds.
 Per dozen.....**\$4.45**
 Each.....**.38**

Brass Drawer Knobs



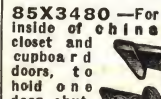
85X4192—Polished wrought brass knob. With gilt finish. Weight, dozen, 6 to 10 ounces. Diam., 1 in. Per dozen.....**35c**
 Diam., 1½ in. Per dozen.....**45c**
 Diam., 1½ in. Per dozen.....**55c**

Elbow Catches



85X3480—For inside of china closet and cupboard doors. To hold one door shut. Japanned cast iron. Without screws. Weight, dozen, 1 pound. Per dozen.....**22c**

Door Buttons



85X3486—Japanned steel (not cast iron). Length, 1½ inches. No screws furnished. Weight, gross, 3 pounds. Per gross.....**42c**

Cupboard Turns (Round Knob)



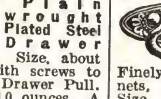
Neat and low priced wrought Cupboard Turn. With round knob. Size, about 2x2½ inches. With screws. Weight, ¼ pound.
85X3466—L Finish. Plated steel. Per dozen.....**90c**
85X3467—A Finish. Solid Bronze. Per dozen.....**\$2.85**
 Each.....**.25**



85X3466—L Finish. Plated steel. Per dozen.....**90c**
85X3467—A Finish. Solid Bronze. Per dozen.....**\$2.85**
 Each.....**.25**



85X3466—L Finish. Plated steel. Per dozen.....**90c**
85X3467—A Finish. Solid Bronze. Per dozen.....**\$2.85**
 Each.....**.25**



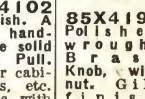
85X3466—L Finish. Plated steel. Per dozen.....**90c**
85X3467—A Finish. Solid Bronze. Per dozen.....**\$2.85**
 Each.....**.25**

Cupboard Turns (Oval Knob)



An attractive, low priced, wrought Cupboard Turn. With a neat, oval knob. Size, 2½x2½ inches. Complete with screws to match. Weight, each, ¼ pound.
85X3470—L Finish. Plated wrought steel. Per dozen.....**90c**
85X3471—A Finish. Solid Bronze. Per dozen.....**\$2.85**
 Each.....**.25**

Cupboard Turn



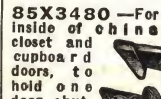
85X3474—L Finish. Antique copper plated. A very handsome and attractive Cupboard Turn. Made of cast iron, nicely polished and finely plated. Has a very neat T handle. Size, 2½x2½ inches. With screws. Weight, each, 5 ounces. Per dozen.....**\$1.30**
 Each.....**.12**

Cupboard Catch



85X3464—H Finish. A neat, ornamental design Cupboard Catch at a moderate price. Made of cast iron, nicely finished. Has a plate iron knob. Well made and works easily. Size, 2½x1½ inches. Complete with screws to match. Weight, each, 4 ounces. (Black background, polished bronze surface.) Per dozen.....**85c**
 Each.....**8c**

Cupboard Catch



85X3460—L Finish. A very neat, plain, low priced, wrought steel cupboard Catch. Smooth and nicely plated. Plain plated knob. Strong and well made, and works easily. Size, 2½x1½ inches. Furnished complete with screws to match. Weight, each, 2 ounces. Per dozen.....**58c**
 Each.....**5c**

Steel Shelf Brackets



Made of wrought steel. Will not break. We have them in two finishes, Black Japanned, and Brass Plated. The Black Japanned finish is suitable for pantry and closet shelves, etc., while the brass plated finish is suitable for bathrooms, etc. Much stronger than iron brackets and cost no more. Weights range from ¼ pound to 1½ pounds per pair.

Size, Inches	Pair	Dozen Pairs	Per Pair	Dozen Pairs
4x5	5c	\$0.50	12c	\$1.35
5x7	7c	.75	17c	1.90
6x8	8c	.92	22c	2.55
7x9	10c	1.10	24c	2.90
8x10	12c	1.32	28c	3.36
10x12	16c	1.85	32c	3.70

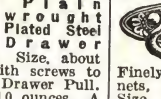
 Screws included only with 85X4351



85X4350—Japanned. Per dozen.....**\$2.10**
85X4351—Brass Plated. Per dozen.....**\$2.10**



85X4350—Japanned. Per dozen.....**\$2.10**
85X4351—Brass Plated. Per dozen.....**\$2.10**



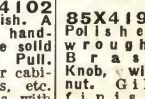
85X4350—Japanned. Per dozen.....**\$2.10**
85X4351—Brass Plated. Per dozen.....**\$2.10**

Cast Hook



Popular, neat iron hat and coat hook. Heavy and substantial. Size, 3 inches.
85X4270—Japanned. (Without screws.) Weight, dozen, 1½ pounds. Per gross.....**\$2.10**
 Per dozen.....**.19**
85X4271—Polished. (Without screws.) Weight, dozen, 1½ pounds. Per gross.....**\$3.75**
 Per dozen.....**.33**

Wire Hook



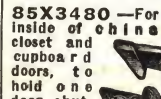
Steel wire Coat Hooks, with gimlet screw points. Weight, dozen, 9 to 13 ounces.
85X4300—Coppered finish. (Inches) Dozen/Gross
 2½ 6c 60c
 3 6c 65c
 3½ 8c 82c

Screen Door Set



85X3746—A neat and serviceable set for screen doors, storm doors, etc. When door is opened entirely back, the hinges will hold it open until released by a push. Consists of 1 pair spring hinges, 1 japanned door pull, 1 wire hook and eye. With screws. Weight, 1½ pounds. Per set.....**10c**

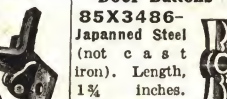
Transom Plate



85X3395—A simple and effective device for hanging transoms or swinging windows. For use at top, bottom, or center. Japanned heavy cast iron. Set consists of four pieces. (2 pivots.) (Without screws. Use No. 8.)

Length	Width	Dozen	Per Set
4 feet	1½ inch	45c	5c
4 feet	2½ inch	7c	12c
5 feet	1½ inch	7c	24c
5 feet	2½ inch	8c	36c

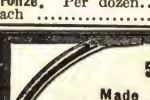
Steel Transom Lifters



85X3310—To raise or lower and lock in any position transoms that are hinged at top or bottom or middle. Steel, electro-copper plated. (Without screws.) Weights, from 1 to 3 pounds.

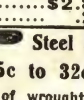
Length	Diam.	Rod	Take screws	Each
4 feet	1½ inch	No. 6	12c	
4 feet	2½ inch	No. 7	24c	
5 feet	1½ inch	No. 7	28c	
5 feet	2½ inch	No. 8	36c	

Steel Foot Bolt



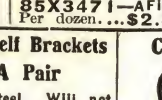
Bolt is released by pressing side knob. With flush strike. With screws. Average weight, 1 pound.
85X3551—Dull black. 6 inch.....**24c**
 8 inch.....**28c**
85X3552—Polished antique copper. 6 inch.....**32c**
 8 inch.....**36c**

Steel Chain Bolt



Bereaved bolt latches when door is closed. Has a 2-foot chain. With regular and reverse strike. With screws. Average weight, 1 pound.
85X3558—Dull black. 6 inch.....**24c**
 8 inch.....**30c**
85X3559—Polished antique copper. 6 inch.....**33c**
 8 inch.....**37c**

Chain Door Fastener



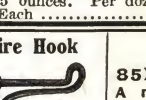
Wrought steel, strongly made, nicely finished. Door can be opened a few inches and still be locked. Size of plate, 6½x1½ inches. With screws. Weight, 6 ounces.
85X3530—K finish. Each.....**24c**
85X3531—L finish. Each.....**25c**

Door Spring



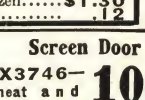
85X3756—A strong japanned coiled steel torsion spring with adjustable tension for practically any door. Derives its power from being twisted by opening the door. (Without screws. Use No. 8.) Length, 10 inches. Weight, 7 ounces. Each.....**9c**

Hand Rail Screws



85X3567—Used to fasten stair banister spindles. Wrought steel screws. Size, ¾x4½ in. with one nut and washer. Produce much stronger stair than with nails. Weight, per dozen, 1½ pounds. Per dozen.....**24c**

Hand Rail Bracket



85X3568—G finish. Plated Cast iron. Size, 3½x3 inches. Weight, 10 ounces. With screws. Per dozen.....**95c**
 Each.....**8c**

Steam and Hot Water Heating Plants

Steam and Hot Water Heating Plants at Wonderfully Low Prices

We offer you a modern steam or hot water heating plant for your home, that will prove a most lasting comfort. Our Improved Giant Windsor Home Heating Boiler, illustrated below, is one of the best and most efficient home heating boilers ever placed on the market.

Why continue to put up with the endless annoyances of old time heating methods with smoke, dust and gas continually floating through the atmosphere of your home, when for such a small investment you can purchase all the material required to install one of our modern heating systems? The labor of house cleaning will be cut in half. Your wall paper, curtains and furniture can more easily be kept clean and free from dust and dirt, and you will always have a nice, even temperature in every corner of every room in your home during the coldest Winter weather.

If you could once realize the great benefits derived from one of these modern systems, you would not be without one of our heating plants for another single Winter.

We Furnish Plans and Instructions for Installing

Our modern heating systems are sold on practically the same conditions as all of our plumbing material. We sell you the material at a price which is very little above the actual cost of manufacture. We have a competent force of skilled heating engineers, whose entire time is devoted to the preparation of plans and instructions for our customers, showing them how to properly install their heating systems.

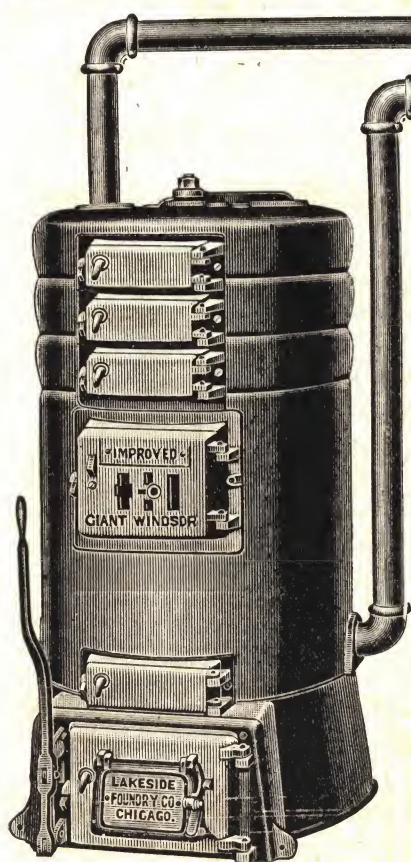
We furnish a complete set of these plans and instructions with every heating plant we sell, and if these plans and instructions are followed in the installation, the heating plant will positively heat the building properly under all conditions of weather.

We Loan You the Tools

If you have not the necessary tools for doing the work, we will gladly loan them to you as explained in our special Heating Catalogue. Everything about this work is clearly and simply explained in our plans and diagrams. Any ordinary mechanic can easily install one of these systems even without any previous experience whatever, if our plans and instructions are carefully followed. Anyone who can cut and thread iron pipe and screw it together can do this work.

Write for Our Estimate

Fill out one of our information blanks. Give us all the details, answer all questions carefully, give us a diagram of each floor of your building, showing location of windows, doors, etc., as requested on our blank. Our engineers will prepare for you an estimate on one of our modern heating systems that will heat your building and one that will give you satisfaction in every respect. Our very low estimate, with full specifications of the heating plant we propose to furnish, will be sent to you by return mail. Our prices mean a big saving to you. Do not place your order until you get our figures.



Atlas Windsor Warm Air Furnaces

Our Atlas Windsor Warm Air Furnace is one of the best home heating furnaces made. A highly efficient heater, a furnace that you can depend upon to heat every room in your house in which a register is placed, and to come up to its full rated capacity during the coldest weather.

If you intend installing a modern warm air heating system, be sure to get our estimate. We are in position to furnish you with all the necessary material required to completely install the entire plant, including registers, register boxes, and all pipes and connections. We furnish full plans and instructions for installing with every outfit. Any ordinary mechanic can easily install one of our warm air heating plants without the least trouble.

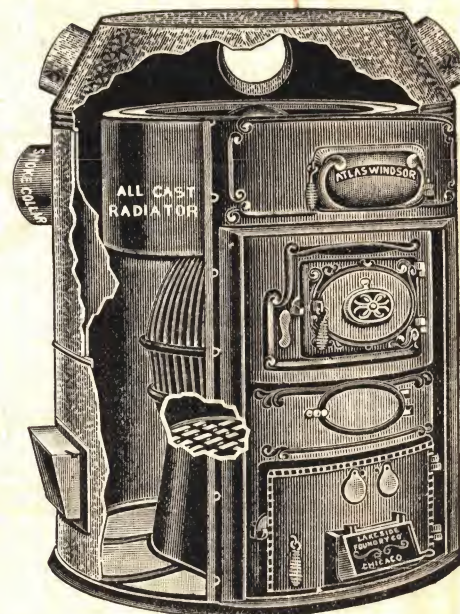
Every heating plant we sell will give you satisfaction.

Write Today for Our Special Heating Catalogue Modern Home Heating

Our Special Heating Catalogue, "Modern Home Heating," tells all about our complete line of Home Heating Boilers and Warm Air Furnaces. Tells you how you can install your own heating system at a saving of 30 to 50 per cent.

This book contains much valuable information covering every phase of the heating question.

Do not place your order for a heating plant until you have read this book over carefully.

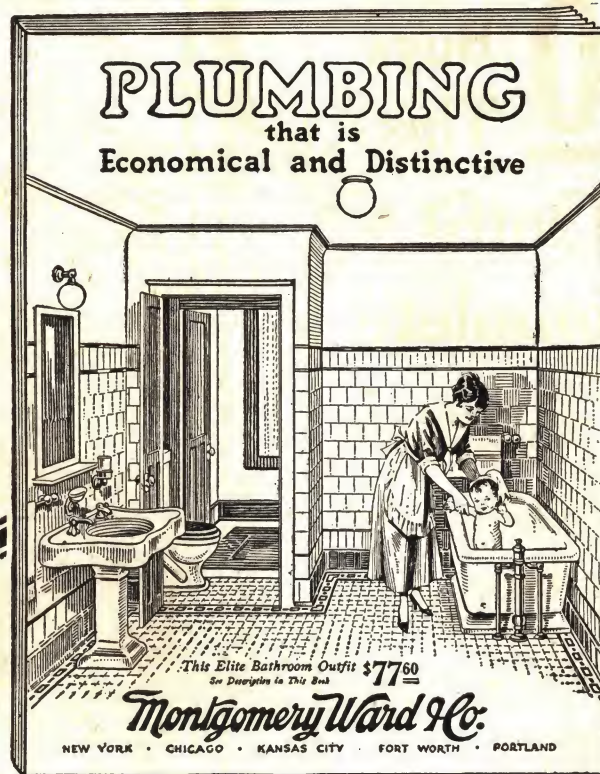


Write For This Book To-Day

¶ This book tells all about our great Plumbing proposition.

¶ We offer you a complete line of high grade Plumbing Material at about wholesale prices.

Do Not Place Your Order Until You Get This Book



Sent Post Paid on Request

¶ Contains much valuable information for those owning, building, or going to build a home of their own.

¶ Shows you how you can get your plumbing system installed without the aid of a plumber.

Why You Should Get This Book Before You Buy

Our Low Prices Will Save You Money

You will be really surprised at the wonderfully low prices which we are able to offer you on our complete line of high grade Plumbing Fixtures and Supplies. Our stock is complete. We are able to furnish everything from the plumbing fixtures to the very last fitting required to completely equip any modern home with a modern sanitary system of plumbing. This material is all offered to you at prices which are little more than the actual manufacturing cost of the goods.

Our enormous sales of this material permit us to operate on a very close margin of profit. The prices we quote on all of our plumbing supplies represent the actual cost of the goods at the factory, with one small profit added. The prices that we are able to quote on plumbing supplies of every description will mean a saving to you of anywhere from 30 to 50 per cent.

Be sure to get this book so that you can see for yourself what a wonderful saving you can make by taking advantage of our very low prices. We want you to have a copy of this book. Write for it today.

Our Simple, Complete Instructions Make It Easy to Do the Work Yourself

Do not let the matter of installation stop you from purchasing your own Plumbing Material. Through the use of our special system of iron pipe connections we can arrange the installation so that any ordinary mechanic can easily do the work for you, or you can do it yourself, if you wish, by following the very simple plans and instructions which we furnish with every complete Plumbing System that we sell. Any man who can cut and thread iron pipe and screw it together can easily do this work.

Do not let the matter of installation stop you from saving \$50.00, \$75.00 or \$100.00 on your plumbing job, when by taking advantage of our proposal and following our simple plans and instructions, you can get this material installed with very little trouble.

Our special Plumbing Catalogue explains all this fully in detail. Why not write at once for a copy of this book and let us show you how it is possible for you to save from 30 to 50 per cent on the plumbing installation for your new home by taking advantage of our very low prices?

We Make the Purchase Safe by Our Assurance of Absolute Satisfaction

All of our Plumbing Supplies are sold under the Guarantee printed below. You take no chances whatever in sending us your order.

All of our plumbing fixtures are strictly A grade and perfect, free from flaws or defects of any kind. Our brass valves, fittings and supplies are full weight, first quality in both workmanship and material and equal to the best on the market grade for grade. We do not handle seconds, culls or B grade plumbing fixtures. This broad guarantee of absolute satisfaction is your protection against any inferior grade of goods. You need not hesitate to send us your order—you cannot lose.

Why not write immediately for a copy of our valuable Plumbing Catalogue? Let us show you what a wonderful saving we can make you on complete modern plumbing installation for your home. We want you to have a copy of this book. Whether you are ready to purchase at the present time or not, we will cheerfully send it to you postpaid, on request.

WE GUARANTEE that every article sold will be as illustrated and described in our Catalogue; will arrive in good condition; will serve its intended purpose; and will be satisfactory to you.

You may always exchange for other articles or have your money back, including, in either case, the transportation charges which you have paid.

It is our desire to make trading with us so easy, so profitable, and so satisfactory, that you will be pleased not only with the goods received, but also with our service and our entire method of dealing.

We Loan You the Tools for Installing Your Plumbing System
Our Special Plumbing Catalogue Explains Our Proposition Fully. Write for it To-Day

Make up a carload lumber order with your neighbor. Saves freight

Montgomery Ward & Co.

87

Complete Plumbing Offer ^{No.} 1

\$90.50 Buys This Outfit Complete

The Bathroom Outfit

This is our regular Colonial Bathroom Outfit (181X6305). For full illustration and detailed description of this outfit, see page 92 of this book. Brief specifications of the fixtures are given below.

The Bath Tub

Is a heavy cast iron, white-enameled tub. Length, 5 feet. Full set nickel-plated trimmings. Fitted for iron pipe connection.

The Lavatory

Is a beautiful, artistically-designed fixture. Deep apron, with high back. All nickel-plated trimmings to the floor. Fitted for iron pipe connection.

The Closet

Is a high-grade, low-tank, syphon wash-down closet combination with oak tank and seat, nickel-plated trimmings, fitted for iron pipe connection.

The Kitchen Sink

The kitchen sink is our 181T6646, size 18x30, fully described and illustrated in our Special Plumbing Book. This sink is cast in one solid piece, with high back, and is equipped with detachable, reversible enameled drain board. It is of heavy construction, with roll rim, genuine white porcelain-enameled. Drain board is also white-enameled to match sink.

It is one of the most sanitary kitchen sinks on the market. No seams to catch the dirt or rough places to injure the hands. Easy to clean and keep clean. Fitted complete, with trap to wall. Fuller flanged faucets and concealed wall hangers. All connections for Iron Pipe.

Range Boiler

We furnish a 30-gallon (trade size) galvanized range boiler, as shown, and by making connection to the cast iron water front in your stove, you can keep a constant supply of hot water in this tank as long as there is any fire going in the stove.

The kitchen stove shown in illustration and water front for same are not included in this offer, as this is strictly a plumbing proposal.

The range boiler will be a 30-gallon (trade size) galvanized range boiler, standard weight, furnished complete with stand, tube and couplings for iron pipe connection (our 81T6723) described and illustrated in our Special Plumbing Book.

Pipe and Fittings

In addition to the above complete plumbing fixtures, we will furnish all necessary 4 inch standard cast iron soil pipe, soil pipe fittings, lead traps, connections, etc., lead bend for closet connection, calking lead, oakum, shut-off rod for water supply pipe where it enters building, in fact everything required to completely install this plumbing system, as shown in illustration on this page, from the ground line to the roof of the building, in a first-class sanitary manner, according to plans and instructions which we will furnish. We will not follow any special city ordinances, but will furnish a good sanitary system of plumbing, a system that will give satisfaction.

Plans and Instructions

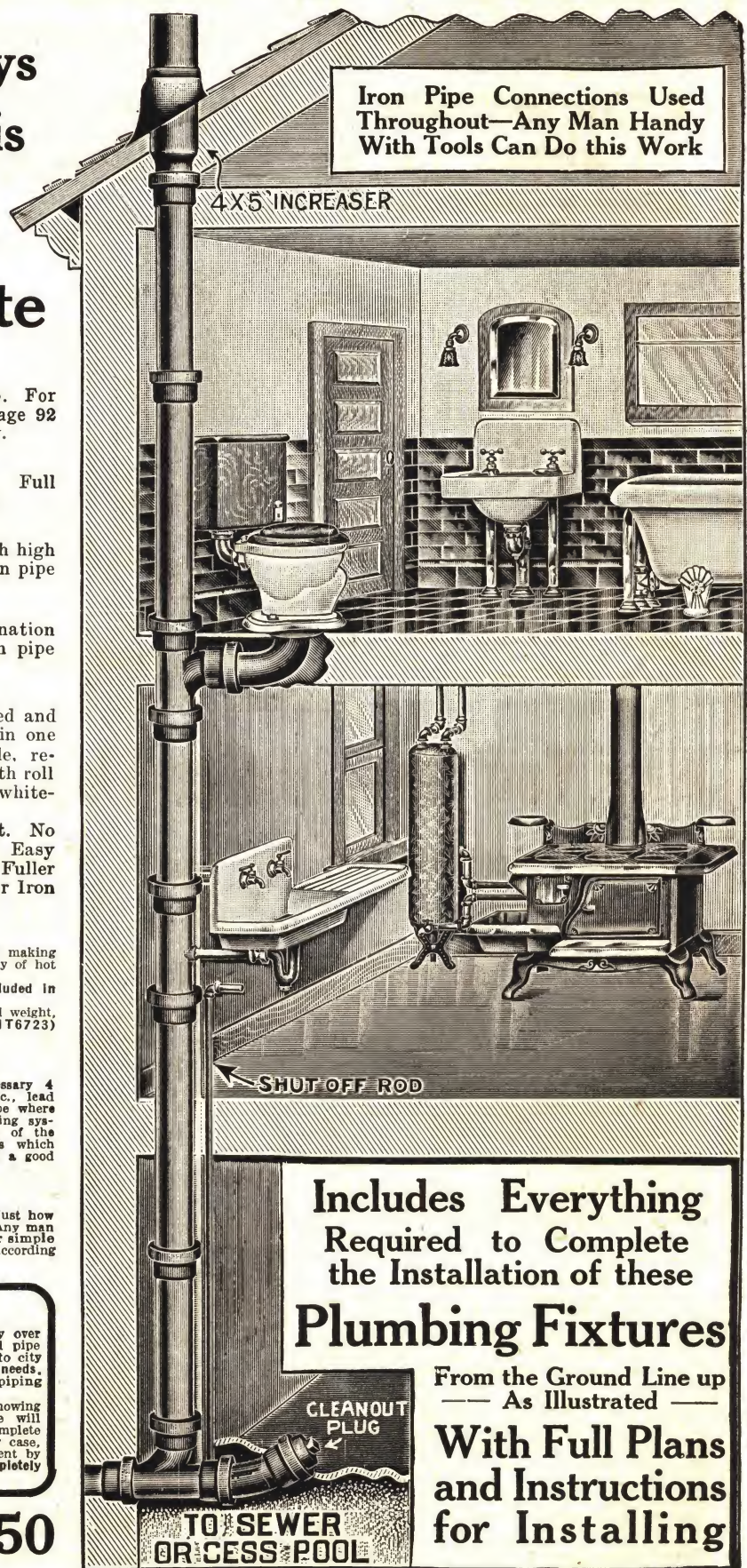
This proposal also includes full set of detailed plans and instructions, showing just how all this material should be properly installed. All connections are for iron pipe. Any man handy with tools can install this plumbing system in any building by following our simple plans and instructions. We will also loan you the necessary tools for installing according to our loan offer in our Special Plumbing Book.

Note

If your building is two stories high and the bath room is located directly over the kitchen, so that closet outfit and kitchen sink may be connected into soil pipe stack, as shown in this illustration, and provided you already have connection to city water or a water supply system of some kind, then this outfit will suit your needs. Any slight difference in location of the fixtures will not alter the amount of piping required to any great extent.

You can order right from this page. Send us remittance, and diagram showing how you want fixtures placed. Order by article number given below. We will prepare special plans to suit your particular requirements, and will ship the complete material accordingly. In case we find that this proposal is not adapted to your case, we will prepare a special estimate for you, and our special quotation will be sent by return mail. In most cases under the conditions given above, this outfit completely fills the requirements.

Order by this Number 181X6091 **\$90.50**
Plumbing System as Described
Shipping weight, 900 pounds.



Includes Everything Required to Complete the Installation of these Plumbing Fixtures

From the Ground Line up — As Illustrated —

With Full Plans and Instructions for Installing

COVERALL HOUSE PAINT THE KIND THAT WEARS



\$15.40 Paints this Home Two Full Coats
Size of House 28x41 Feet
Height to Eaves 20 Feet

Protect and Beautify Your Home with Coverall House Paint

FREE PUTTY OUTFIT

75X7730—Outfit consists of a Putty Knife, Putty, Sandpaper, and Glazier's Points. Given free with House Paint and Barn Paint orders amounting to \$5.00 or more, if you ask for this outfit when you send in your paint order.

Tower Brand House Paint \$1.74 to \$1.84 Per Gallon

The excellent quality of Tower Brand House Paint is due to the use of pure materials and perfect formulas. Every ingredient that goes into Tower Brand House Paint is the best for the purpose that we know of. When you buy Tower Brand House Paint you get all paint—all quality. You get the full intrinsic value for every dollar spent. You are then buying your paint by years and square yards, and you get a paint that fulfills every requirement of service and economy. In buying Tower Brand Paint you take absolutely no chances.

Made in white, black and 40 attractive shades, the most popular of which are:

10 Inside Gloss White	22 Black	58 Willow Green
10 1/2 Inside Flat White	61 Sage	62 Pure Gray
11 Outside Gloss White	53 Light Brown	35 Pearl Gray
29 Canary	34 French Drab	55 Lead Color
28 Straw	19 Olive	27 Light Buff
23 Cream	42 Blind Green	21 Fawn

75X7702 —1-gallon cans. Price.....	\$ 1.84
175X7704 —5-gallon cans. Price.....	9.20
375X7705 —Half barrels (25 gallons). Price	44.50
375X7706 —Barrels (50 gallons). Price.....	87.00

Shipping weight, per gallon, about 14 1/4 pounds.

Cement or Mortar Colors

The best grade of mineral colors that the market affords for coloring mortar, cement blocks, stucco, concrete and brick work. These colors will not fade.

No. 70—Chocolate Brown, produces a deep, rich brown that harmonizes with and is popular for coloring mortar in which manganese brick are laid.

No. 71—Mortar Buff, produces that soft, medium shade used so generally on brick and concrete work.

No. 72—Mortar Red, will produce a rich, rather dark red.

No. 73—Red Extra Strong. Produces a full, rich, brilliant shade. On account of its strength, it requires less of this color to the quantity of cement or mortar used.

74—Mortar Black is a good grade of non-fading black.

175X7962—Colors: 70, chocolate brown; 71, mortar buff; and 72, mortar red. 100-pound drum. Per lb.....

175X7963—Colors: 70, chocolate brown; 71, mortar buff; and 72, mortar red. Smaller quantity. Per lb.....

175X7967—Color: 73, red, extra strong. 100-pound drum. Per pound.....

175X7968—Color: 73, red, extra strong. 50-pound drum. Per pound.....

175X7969—Color: 73, red, extra strong. Smaller quantity. Per pound.....

175X7972—Color: 74, mortar black, 100-pound drum. Per pound.....

175X7973—Color: 74, mortar black, 50-pound drum. Per pound.....

175X7974—Color: 74, mortar black, Smaller quantity. Per pound.....

The amount of color required depends upon the depth of coloring desired and the amount of cement or mortar to be colored. The more color used, the deeper the shade.

For the brown or buff use from 15 to 20 pounds of color to each 100 pounds of cement or mortar. Two or three pounds less of the other colors may be sufficient.

Wood Preservative

Used for preserving Fence Posts, Sills, Planking, Sills, Joists, Tanks—in fact any wood subject to decay or the ravages of insects.

Wood Preservative is nothing more nor less than Refined Creosote Oil. This oil has been the acknowledged wood preservative from time unknown. The fact that railroads and steamship companies always have and still use it, to preserve and protect against decay, such property as ties, water tanks, bridges, trestles, wharfs, docks, boats and barges, is proof of its unquestioned merit.

Being a strong, but harmless disinfectant, it is used for spraying in hog pens and barns; it helps to prevent contagion and the spreading of disease. Spray the chicken house with this oil, and lice or mites cannot exist. Mice, rats, or ants will not attack or damage woodwork painted with our Wood Preservative. It is splendid for so many uses, you should keep a supply on hand all the time.

Shipping weight, per gallon, about 10 pounds.

75X7756—1-gallon cans. Price.....

175X7757—5-gallon cans. Price.....

375X7758—1/2 barrel (25 gallons). Price.....

375X7759—Barrels (50 gallons). Price.....

Coverall House Paint is made for service. Made to protect, preserve and beautify the surface to which it is applied. It is long lived, covers well, produces a high gloss, and forms a durable coating that resists the most extreme weather. This paint not only comes up to every standard of good paint, but is far superior to ordinary paint. We are so sure of its quality that we unhesitatingly recommend it to you. We firmly believe Coverall House Paint to be the very best wearing paint that can be made.

Coverall House Paint is manufactured by Montgomery Ward & Company. Every ingredient used in its manufacture is thoroughly tested by our expert chemists to insure a uniform quality of paint; nothing being used that fails to come up to our standard of quality.

When you buy Montgomery Ward & Company's paints you buy direct from the manufacturer and you get the full benefit of low cost and high quality.

When you buy your paint, look to the covering capacity also. Don't buy by the gallon only; buy by the number of square feet a gallon covers.

Why does Coverall cover so large a surface so well? This is due to two things: a correct formula and a most perfect process for manufacturing the paint. Coverall, like all our paints, is made in our own great big laboratory, under the constant direction of expert paint chemists. The ingredients that go into our paints are crushed and ground between powerful mill-stones to minute particles—



You Should Have a Copy of this

New Paint Book

You may need other paint materials and supplies that cannot be listed on these pages.

In this new Paint Book we show over 160 actual colors and shades of finish for every purpose. A number of pages are devoted to many things you want to know about paint; how to estimate the amount of paint you will need; the kind of paint to buy. Gives you clear, simple advice on how to do all kinds of decorating—how to do the work yourself with the best results and small expense. Write now for this new Money-Saving Paint Book.

Protect—Beautify—Preserve Your Roof Superior Shingle Stain

Use Superior Stain on your shingle roofs, sides of buildings, bungalows, etc. Not only will it greatly improve their appearance, but it will protect them from the destructive action of the weather. The life of the stain depends upon the depth to which it penetrates the wood.

Our stain is a combination, including creosote oil, the best wood preservative known. It penetrates the wood, prevents decay, and produces that soft mottled effect now so much in demand. Superior Shingle Stain is easily applied. Be sure that the shingles or siding are clean and dry.

One gallon will cover 100 square feet, two coats, when applied with a brush. Two and one-half gallons will cover 1,000 shingles, two-thirds of their length, if dipped.

Made in eight shades: 500, Dark Brown; 501, Clover Red; 504, Yellow; 506, Brown; 508, Olive; 511, Dark Green; 512, Red; 516, Grass Green. State color wanted. Shipping weight, per gallon, 10 pounds.

75X7760—1-gallon cans. Price.....

175X7761—5-gallon cans (jacketed). Price.....

375X7762—Half-barrel (25 gallons). Price.....

375X7763—Barrel (50 gallons). Price.....

Heavy Roof and Fence Paint

An Elastic Water-Proof Paint for Fences, Bridges, Water Tanks and Towers, for Roofs and any Metal or Wooden surfaces.

A protection and leak preventative for all kinds of roofs shingle, tin, composition or felt. It will render your roof water-proof and serviceable for many years.

Comes ready for use, and is easy to apply. One gallon will cover 200 to 300 square feet, one coat, on a fairly smooth surface. In most cases one coat is sufficient. Made in two colors: Black and Maroon.

Shipping weight, per gallon, about 10 pounds.

75X8415—1-gallon cans. Price.....

175X8416—5-gallon cans. Price.....

375X8417—1/2 barrel (25 gallons). Price.....

375X8418—Barrel (50 gallons). Price.....

Price of Maroon

75X8419—1-gallon cans. Price.....

175X8420—5-gallon cans. Price.....

375X8421—1/2 barrel (25 gallons). Price.....

375X8422—Barrel (50 gallons). Price.....

Fire-Proof Cold Water Paint

Pure white. Will not rub. Is a fire retardant. Approved by the Fire Underwriters' Laboratories.

Apply either with a brush or sprayer.

This Cold Water Paint is particularly adapted for interior painting of barns, shops, poultry houses, granaries, fruit cellars and store rooms. It comes in dry powder form and mixes readily with cold water. Five pounds of this powder will make a gallon of paint, which is sufficient to cover 200 square feet. This paint, under reasonable conditions, will not crack, peel or rub.

Fire-Proof, Cold Water Paint produces a sanitary, fire-resisting, light-reflecting, finish at a very small cost. For interior use only.

This paint is not intended to take the place of oil paint.

75X8448—10-pound package. Per pound.....

175X8449—50-pound keg. Per pound.....

175X8450—100-pound keg. Per pound.....

ground in oil, so that they are more than coated with oil. It's the proper combination of a proven formula that determines the covering, as well as the wearing qualities. Coverall House Paint will cover from 250 to 350 square feet, two full coats per gallon. Because it is made right, it will not chalk, crack, blister or peel off.

We are sure of the qualities of this paint. But we want you to be the judge of its merits. If Coverall, by any chance, fails to give you the service you expect of it, we will furnish new paint free.

Use Coverall House Paint for inside or outside work. Made in White, Black and 40 shades, the most popular of which are:

10 Inside Gloss White	27 Light Buff	35 Pearl Gray
10 1/2 Inside Flat White	28 Straw	54 Dark Gray
11 Outside Gloss White	21 Fawn	60 Stone Gray
22 Black	53 Light Brown	61 Sage
56 Ivory	39 Brown	42 Blind Green
23 Cream	31 Gray Tint	44 Moss Green

State Color Wanted.

White and Shades

75X7709 —Quart cans. Price.....	\$ 0.42
75X7710 —1/2-gallon cans. Price.....	.80
75X7711 —1-gallon cans. Price.....	1.52
175X7712 —5-gallon cans. Price.....	4.47
375X7713 —5-gallon cans. Price.....	7.45
375X7714 —1/2 barrel (25 gallons). Price.....	35.50
375X7715 —1 barrel (50 gallons). Price.....	69.00

Shipping weight, per gallon, about 14 1/4 pounds.

Concrete and Cement Coating

A durable coating for concrete, brick, stucco and masonry. It is alkali-proof, made expressly for damp-proofing and decorating surfaces made of the above materials, which, because of their caustic and alkali nature, cannot be treated with an ordinary oil paint. Use Cement and Concrete Coating for both outside and inside work, and it is equally good for use on plastered walls, basement walls, floors and all damp surfaces. Easily applied with a brush.

In case the surface to be coated is extremely damp, apply first a coat of our Seal-Tite, quoted below.

Over the average concrete or brick surface, one gallon of Cement and Concrete Coating will cover about 100 square feet, two coats. Colors are: 101, White; 102, Buff; 103, Moss Green; 104, Brick Red; 105, Cement Gray; 106, Manganese Brick.

Shipping weight, per gallon, about 15 pounds.

75X7789 —Half gallon cans. Price.....	\$ 0.90
75X7790 —One gallon cans. Price.....	1.70
175X7791 —5-gallon cans. Price.....	8.25
175X7792 —Half barrels (25 gallons). Price.....	39.50

Seal-Tite

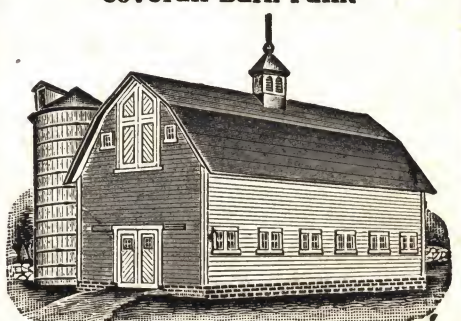
A remarkable water-proofing compound. May be used on damp surfaces. It is scientifically compounded and will fill the pores and render water-proof any cement, concrete, brick or plaster surface. Just the thing for silos, cement blocks, concrete or brick buildings. It is a clear colorless liquid that may be used alone as a coating or as a first coat, preparatory to painting or coating concrete or masonry work of any kind that is subject to dampness or moisture. It is excellent for coating concrete or cement floors. It makes the surface smooth, water-proof and prevents sanding. Easy to keep clean. This preparation should not be used over paint. Easily applied with a brush. Flow on freely and brush in thoroughly. One gallon will cover about 150 to 200 square feet on concrete or brick surfaces, or 200 to 300 square feet on plastered surfaces. Shipping weight, per gallon, about 15 pounds.

75X7793—Quart cans. Price.....

75X7794—1-gallon cans. Price.....

175X7795—5-gallon cans. Price.....

Coverall Barn Paint



\$15.48 Paints this 40x60 Barn and Silo Two Full Coats

Coverall Barn Paint is made from high-grade metallic pigment, or natural oxides, ground by heavy machinery and thoroughly mixed in pure linseed oil and the necessary dryer. Its covering capacity, united with its enduring and preserving qualities makes it one of the best paints it is possible to produce for the purpose, also the most economical.

Protect your barns, outbuildings, fences and roofs against decay—at a small expense. Use it on metal or shingle roofs, gutters, tanks, drain pipes, cornices and windmills. One gallon will cover about 300 square feet, two coats. For first coat, on a building never painted before, use from a quart to a half gallon of raw linseed oil to each gallon of paint. Colors: 150, Yellow; 155, Prince's Mineral; 156, Roof Green; 157, Red; 159, Slate; 160, Lead Color.

Shipping weight, per gallon, 15 pounds.

75X7720—1-gallon cans. Price.....

175X7721—3-gallon cans. Price.....

375X7722—5-gallon cans. Price.....

375X7723—1/2 barrels (25 gallons). Price.....

375X7724—Barrels (50 gallons). Price.....



Hardwood Paste Filler

For filling the pores of hard or open grained woods, such as oak and ash, preparatory to varnishing. Apply with a brush and after allowing about thirty minutes to set, wipe off smooth with a rough piece of burlap, rubbing across the grain. A pound will fill about 45 square feet. Colors: Light, dark and golden oak.

State Color Wanted.	
75X8210—1-pound can.	Price.....\$0.07
75X8211—5-pound can.	Price.....30
75X8212—10-pound can.	Price.....58
75X8213—25-pound can.	Price.....1.40

Liquid Wood Filler

Colorless filler for filling pores of soft or close grained wood, preparatory to varnishing. Used also on hardwood after treating with paste filler. Apply with a brush and brush out thin. Dries hard in thirty-six hours. One gallon will fill about 500 square feet. Shipping weight, per gallon, 12 pounds.

75X8218—Quart cans.	Price.....\$0.32
75X8219—1/2 gallon cans.	Price.....1.65
75X8220—Gallon cans.	Price.....1.10
75X8221—5-gallon cans.	Price.....5.50

Oil Wood Stains

Used only for new woodwork or new floors. High-grade oil stains made by grinding permanent colors in pure linseed oil and turpentine. One quart will cover 100 square feet, one coat. This should be followed with a coat of varnish to secure a proper finish. Colors: Cherry, Mahogany, Rosewood, Walnut, Light Oak, Antique Oak, Leaf Green. Shipping weight, per gallon, about 12 pounds.



State Color Wanted.	
75X8140—Pint cans.	Price.....\$0.19
75X8141—Quart cans.	Per can.....34
75X8142—1/2 gallon cans.	Per can.....66
75X8143—Gallon cans.	Per can.....1.24

Mission Art Finishes

For new interior finish and new furniture

A penetrating one-coat Art Stain. For new work only. These stains do not streak or show lap, and cover such large surface as to be economical. They do not mar, scratch, or rub, nor do they raise the grain of the wood. Anyone can use these stains by following directions on the can. One gallon will stain from 700 to 1,000 square feet of surface. Colors: Golden Oak, Early English Oak, Old English Oak, Modern Weathered Oak, Fumed Oak, Forest Green Oak, Dark Mahogany. Shipping weight, per gallon, 11 pounds.

State Color Wanted.	
75X8130—1/2 pint cans.	Per can.....\$0.25
75X8131—Pint cans.	Per can.....45
75X8132—Quart cans.	Per can.....80
75X8133—1/2 gallon cans.	Per can.....1.45
75X8134—Gallon cans.	Per can.....2.75

Putty in Tins

75X7850—10-pound tins.	Per tin.....35c
75X7851—5-pound tins.	Per tin.....19c

Steel Wool

A mass of fine steel fibre, which resembles curled hair. While it is sharp it does not scratch. Cuts as smoothly as the finest sandpaper, emery or pumice stone. For the housekeeper it is unexcelled for cleaning glassware, removing burnt matter and rust from pots, pans, sinks, bath tubs and stoves. For finishing hardwood floors.



for removing rust from iron surfaces preparatory to painting, and for all coarse work, use Steel Wool No. 3 or Steel Shavings.

75X8285—No. 0. Very fine, soft. Takes the place of pumice stone. 1-pound package.	38c
75X8286—No. 0 in small package. Shipping weight, 3 ounces.	9c
75X8287—No. 1. Fine, soft. Equals sandpaper No. 0. 1-pound package.	29c
75X8288—No. 1 in small package. Shipping weight, 3 ounces.	9c
75X8289—No. 3 Medium. Equals sandpaper No. 1 1/2. 1-pound package.	25c
75X8290—No. 3 in small package. Shipping weight, 3 ounces.	9c
75X8291—Steel Shavings. 1-pound package.	22c

Powdered Pumice Stone

Best grade English Powdered Pumice Stone. Use with Rubbing Oil or water for rubbing down varnished surfaces, preparatory to polishing.

75X7875—Small quantities. Per pound.....	\$0.06
75X7876—25-pound package for.....	1.00

Rotten Stone—English Powdered

Used for polishing varnished surfaces, after being rubbed down with Pumice Stone. Dip piece of cloth or Rubbing Felt into Rubbing Oil or water, then into the Rotten Stone and rub the surface to a polish.

75X7878—Rotten Stone. Per pound.....	6c
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Rubbing Felt

Best grade. Perfectly suited for rubbing down varnished surfaces. Simply dip Felt into Rubbing Oil or water, then into Powdered Pumice.

75X8279—Hard Felt. Pieces about 5 inches square. Shipping weight, 4 ounces. Per piece.....	35c
75X8280—Soft Felt. Pieces about 6 inches square. Shipping weight, 2 ounces. Per piece.....	30c

Rubbing Oil

Use by dipping Rubbing Felt into this oil, then into Powdered Pumice Stone or Rotten Stone, for rubbing varnished or enameled surfaces to a polish finish. Shipping weight, per gallon, about 10 pounds.

75X8281—Pint cans.	Per can.....\$0.10
75X8282—Quart cans.	Per can.....15
75X8283—Gallon cans.	Per can.....40
75X8284—5-gallon cans.	Per can.....1.90

Miro-Lite Interior Varnish

For interior work there is no better varnish made than Miro-Lite. It is a pale, brilliant, easy-flowing varnish that develops and preserves the natural beauty of the grain of wood to the best possible advantage. Not affected by either hot or cold water, and will not crack, blister or turn white. May be rubbed and polished in an exceedingly durable. Dries dust-proof in six to eight hours and may be rubbed in forty-eight hours. Shipping weight, per gallon, 11 pounds.

75X8610—Pint cans.	Per can.....\$0.35
75X8611—Quart cans.	Per can.....60
75X8612—1/2 gallon cans.	Per can.....1.10
75X8613—Gallon cans.	Per can.....1.90
75X8614—5-gallon cans.	Per can.....9.25

Extra Hard-Oil Varnish

A good, medium-priced varnish for interior finish. It flows freely, dries quickly, and gives a full, rich lustre. A very satisfactory varnish, and should not be confused with cheap and inferior hard-oil varnishes. Shipping weight, per gallon, 11 pounds.

75X8625—Pint cans.	Per can.....\$0.20
75X8626—Quart cans.	Per can.....36
75X8627—1/2 gallon cans.	Per can.....70
75X8628—Gallon cans.	Per can.....1.15
75X8629—5-gallon cans.	Per can.....5.25

Our Old Reliable Diamond W Floor Varnish

This varnish has been sold by us for many years. Repeated orders from those who have used it is the best evidence of the satisfaction it is giving. It dries hard over night with a full, rich lustre, which can be rubbed to a dull finish if desired. Diamond "W" Floor Varnish is exceedingly tough, will not mar or scratch, and is not affected by water. Shipping weight, per gallon, 11 pounds.



75X8645—Pint cans.	Per can.....\$0.30
75X8646—Quart cans.	Per can.....50
75X8647—1/2 gallon cans.	Per can.....90
75X8648—Gallon cans.	Per can.....1.70
75X8649—5-gallon cans.	Per can.....8.00

Durable Floor Varnish

A varnish having splendid wearing qualities, holds its original gloss exceptionally well, is easily applied and dries hard over night. It has a very good body as well as a high gloss, qualities that are necessary in a good floor varnish. Shipping weight, per gallon, 11 pounds.

75X8900—Pint cans.	Per can.....\$0.25
75X8901—Quart cans.	Per can.....44
75X8902—1/2 gallon cans.	Per can.....78
75X8903—Gallon cans.	Per can.....1.35
75X8904—5-gallon cans.	Per can.....6.25



Wall Paper

Write for This Book

And make it your guide in making your selections. It contains actual samples of our extensive line of wall paper, the most recent foreign and American designs, and some of the artists and colorists.

the very finest work of leading Every pattern is fresh and new. This Book also tells how you can successfully do your own decorating at very little cost. It will save you from 25 to 50 per cent. You should have a copy of this book to see our remarkable offerings in Wall Paper.

Radiator Enamel

A glossy enamel for radiators and steam pipes, registers, and all surfaces exposed to extreme heat. Excellent also for use on any metal work. It will not chip or mar, and is not affected by heat or cold. Ready mixed. Easily applied, dries quickly, and will remain bright and glossy. Colors: Maroon, Black, Bronze Green, and Dull Green. State color wanted.

75X8170—1/2 Pint cans.	Shipping weight, 1 1/2 pounds. Per can.....8c
75X8171—Pint cans.	Shipping weight, 2 1/2 pounds. Per can.....25c
75X8172—Quart cans.	Shipping weight, 4 1/2 pounds. Per can.....45c
75X8173—1/2 gallon cans.	Shipping weight, 10 pounds. Per can.....85c
75X8174—Gallon cans.	Shipping weight, 15 1/2 pounds. Per can.....1.60

Sunset Brand Gold Paint

A ready mixed paint manufactured by a patented process. Holds its beautiful, brilliant finish much longer than gold enamels, made under any other process that we know of. Does not rub off. Withstands the heat of steam pipes and radiators, and is not affected by moisture. For use on picture frames, porch chairs, brackets, flower pots, ornaments, radiators and bedsteads.

75X8190—1/4 pint cans.	Shipping weight, 1 1/4 pounds. Per can.....25c
75X8191—1/2 pint cans.	Shipping weight, 1 1/2 pounds. Per can.....40c
75X8192—Pint cans.	Shipping weight, 2 1/2 pounds. Per can.....65c
75X8193—Quart cans.	Shipping weight, 3 pounds. Per can.....1.20

Sunset Brand Aluminum Paint

A ready mixed aluminum bronze of the finest grade. It dries quickly with a brilliant finish. Does not spoil or lose its brilliancy while standing in the can. It may be used on steam pipes or radiators, as it withstands heat and moisture. Its brilliant finish is permanent either in air or under water. Washing with soap and water will not injure it.

75X8185—1/4 pint cans.	Shipping weight, 1 1/4 pounds. Per can.....25c
75X8186—1/2 pint cans.	Shipping weight, 1 1/2 pounds. Per can.....38c
75X8187—Pint cans.	Shipping weight, 2 1/2 pounds. Per can.....60c
75X8188—Quart cans.	Shipping weight, 3 pounds. Per can.....1.10

Towerlite White Enamel

Highest Grade Enamel Made Looks Like Porcelain



No finish is more pleasing than a pure white Porcelain Enamel. Its attractiveness and beauty never tire one. White is an emblem of purity, and any room finished in white enamel gives one a feeling of absolute cleanliness.

The porcelain-like texture of Towerlite gives that pleasing effect that is absent from nearly all white finishes. Try a can of Towerlite and you will be convinced. Its smooth glossy finish makes it easy to keep clean. Used extensively in hospitals and public buildings. It is also an ideal finish for bath rooms, kitchens, and other rooms.

Towerlite is pure snow-white and will remain so. It will not turn yellow, will not scuff, chip or crack. It gives a rich, hard, perfectly white gloss that may be rubbed to a dull finish. Before applying Towerlite, see that the surface is clean and smooth, then apply one or more coats of No. 10 1/2 Inside Flat White Coverall House Paint, sanding between coats, until you have a smooth, white foundation. When thoroughly dry, apply Towerlite with a soft hair varnish brush.

75X8432—1/2 pint cans.	Shipping weight, 1 1/2 pounds. Per can.....28c
75X8433—Pint cans.	Shipping weight, 2 1/2 pounds. Per can.....50c
75X8434—Quart cans.	Shipping weight, 4 1/2 pounds. Per can.....90c
75X8435—1/2 gallon cans.	Shipping weight, 10 pounds. Per can.....1.68
75X8436—Gallon cans.	Shipping weight, 15 1/2 pounds. Per can.....3.20

Inside Floor Paint

Produces a hard, glossy finish that does not readily show heel marks or scratches. May be scrubbed repeatedly without injury. One gallon covers about 250 square feet, two coats. Colors: Reddish Brown, Light Brown, Red, Slate, Yellow, Light Yellow, Medium Drab. State color wanted.

75X8100—Quart cans.	Shipping weight, 6 pounds. Per can.....35c
75X8101—1/2 gallon cans.	Shipping weight, 10 pounds. Per can.....65c
75X8102—Gallon cans.	Shipping weight, 15 1/2 pounds. Per can.....1.20

Porch Floor Paint

A special, hard-drying paint for outside use on porches and steps. It withstands the wear and tear of constant usage, and resists attack of weather. One gallon covers about 300 square feet, two coats. Colors: Tan, Light Brown, Olive, Dark Brown, Light Gray, Dark Gray. State color wanted.

75X7735—Quart cans.	Shipping weight, 6 pounds. Per can.....40c
75X7736—1/2 gallon cans.	Shipping weight, 10 pounds. Per can.....75c
75X7737—Gallon cans.	Shipping weight, 15 1/2 pounds. Per can.....1.43

Floor Oil

Expressly for use on floors of kitchens, pantries, offices, stores, etc. Easily applied with a cloth. Dries quickly and does not leave the surface sticky or greasy. Floors so treated are easily kept clean. Shipping weight, per gallon, 8 pounds.

75X8230—Quart cans.	Per can.....\$0.28
75X8231—1/2 gallon cans.	Per can.....46c
75X8232—Gallon cans.	Per can.....68c
75X8233—5-gallon cans.	Per can.....2.90

Floor Wax

An Ideal Finish for Floors, Interior Woodwork and Furniture. It is of the finest grade and color. It produces a rich, durable finish, not easily marred or scratched. Easily applied with a cloth. Dries hard. Can be rubbed to a high polish.

75X8235—1-pound cans.	Per can.....\$0.25
75X8236—4-pound cans.	Per can.....90
75X8237—8-pound cans.	Per can.....1.80

Flat Wall Finish

A special oil paint for walls that may be washed with soap and water. Very artistic and desirable. Easy to apply. Does not rub off on the clothes like many other wall finishes.

Flat Wall Finish dries quickly without gloss. It gives a dainty, velvety finish. For interior finish on walls, woodwork, plaster board or metal ceilings. An endless number of pleasing combinations may be secured by the use of the various tints. When used on smooth plastered walls, one gallon will cover from 200 to 250 square feet two coats.

Before using on walls that have never been sized or painted, the surface should first be given a coat of Fresco Wall Size. Colors: Ivory, Light Canary, Light Tan, Golden Brown, Shell Pink, Quaker Gray, Pale Azure, Willow Green, Maple Green, Rich Red. State color wanted.

75X8086—Quart cans.	Shipping weight, 5 pounds. Per can.....48c
75X8087—1/2 gallon cans.	Shipping weight, 10 pounds. Per can.....94c
75X8088—Gallon cans.	Shipping weight, 15 pounds. Per can.....1.70
75X8089—3-gallon cans.	Shipping weight, 45 pounds. Per can.....\$4.80



Fresco Wall Size

A newly plastered wall or an old wall that has never been painted is porous and will soak up much of the first coat. Fresco Wall Size fills these pores and makes a good foundation for paint or Kalsomine. It is prepared ready to apply.

75X8736—Quart cans.	Shipping weight, 3 1/2 pounds. Per can.....28c
75X8737—1/2 gallon cans.	Shipping weight, 8 pounds. Per can.....45c
75X8738—Gallon cans.	Shipping weight, 12 pounds. Per can.....75c
75X8739—5-gallon cans.	Shipping weight, 55 pounds. Per can.....\$3.50

Books on Home Building, Cabinet Making, Carpentry, Painting and Plumbing

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Steel Square and Its Uses

By Fred T. Hodgson. This is one of the latest practical works published on the subject. It is thorough, accurate, clear and easily understood. It is an exhaustive work, including some very ingenious devices for laying out bevels for rafters, braces and other inclined work. Also chapters on the square as a calculating machine, solids, surfaces and distances. Bound in cloth. Size, 5 1/2 x 7 1/2 inches. Each volume well illustrated.

57X3606—Volume 1. Elementary Course, 342 pages. Retail price, \$1.00. Our price.....**69c**
57X3609—Volume 2. Advanced Course, 329 pages. Retail price, \$1.00. Our price.....**69c**

Weight, per volume, 1 1/2 pounds. These two volumes bought at one time.....**\$1.26**
Note—These two books also contain plans for a number of medium priced houses.

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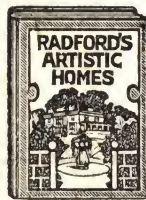
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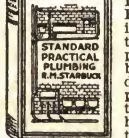
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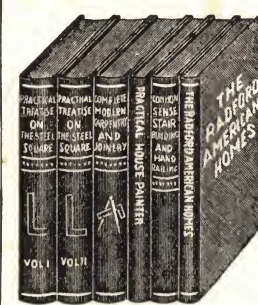
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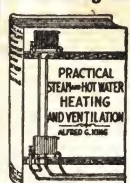
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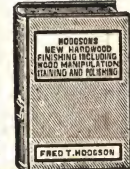
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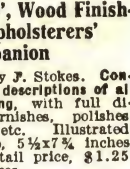


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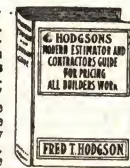
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In daylight as well as at night they should contribute to the beauty of the home interior.

The selecting of lighting fixtures—and the price you pay—should be considered carefully. For your convenience in obtaining them at lowest cost, we have prepared a book.

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It shows fixtures for lighting by gas, electricity, gasoline or acetylene. In it we picture, describe and price all kinds of Domes, Shower Lights, New Style Semi-Indirect Lights, Portable Lamps, Reading Lamps, Chandeliers, Bracket Lamps of every style, from the most elaborate to the plainest and simplest patterns.

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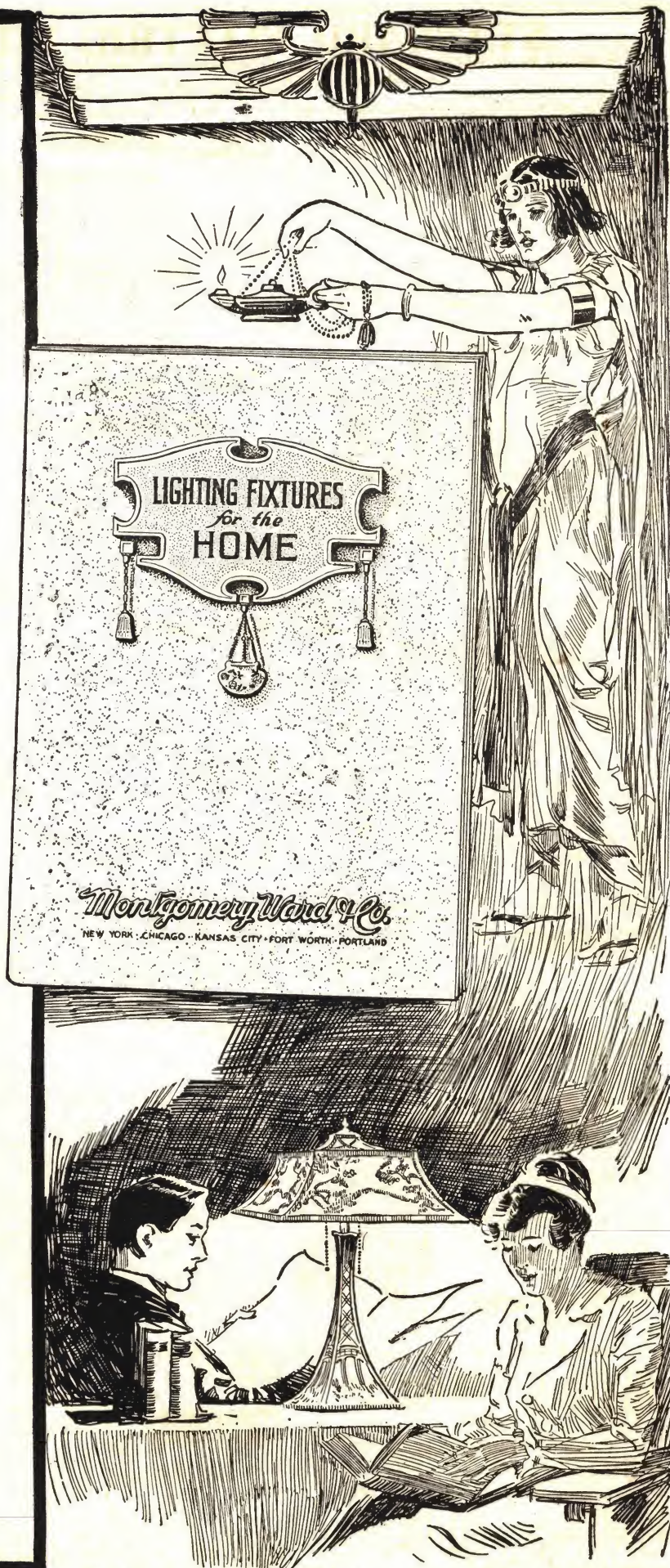
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Simply send us a diagram of your building or home. State whether it is now in use or being built. Show position of rooms, their width, length and ceiling height. Indicate where you want fixtures and switches to control them, and wall plates for portable lamps, electric irons, and the like.

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STANDARD ELECTRIC WIRING MATERIALS

Selected From the Foremost Lines on the Market. All Articles Listed Will Meet the Latest Requirements Set Forth by the National Board of Fire Underwriters, Except the Few Articles Specified as Old Code Prices on Wire are Subject to Market Change

New Code, Rubber-Covered Copper Wire, Single Braid

Solid conductor wire, insulated with rubber compound over which is one saturated cotton braid. Recommended for any open wiring on cleats, tubes or knobs, and for loom and moulding wiring. Each unbroken coil bears Underwriters' inspection tag. Full coils contain 100 feet or 500 feet or we will cut wire to any desired length.

Article Number	Size	Price per foot	Price per 100 feet	Price per 1,000 feet	Wt. per 100 feet, pounds
63X3015	14	1 1/2 c	\$1.25	\$11.75	3
63X3020	12	2 c	2.00	16.30	4 1/2
63X3025	10	2 1/2 c	2.35	22.40	6

New Code Rubber-Covered Wire, Double Braid

Offers better protection than single braid. Must be used in all metallic conduits, flexible or rigid. Has one solid conductor, insulated with rubber compound, over which are two saturated cotton braids.

Article Number	Size	Price per foot	Price per 100 feet	Price per 1,000 feet	Wt. per 100 feet, pounds
63X3040	14	1 1/2 c	\$1.42	\$13.70	4
63X3045	12	2 1/2 c	1.95	19.00	5 1/2
63X3050	10	3 c	2.61	25.60	7
63X3055	8	3 1/2 c	3.55	35.00	10
63X3060	6	5 c	5.42	53.65	13
63X3065	4	8 c	7.67	76.15	18 1/2

Duplex New Code Rubber-Covered Wire

Consists of two solid copper conductors, each insulated with rubber compound, over which is one saturated cotton braid. Conductors so insulated, are laid parallel and covered over all with saturated cotton braid. Convenient for wiring in metallic and non-metallic conduits. Weight, per 100 feet, 7 to 12 pounds.

Article Number	Size	Price per foot	Price per 100 feet	Price per 1,000 feet
63X3080	14	3 c	\$2.70	\$26.35
63X3085	12	4 c	3.80	37.35
63X3090	10	5 1/2 c	5.05	50.00

New Code Electric Fixture Wire

For wiring Electrical Chandeliers, fixtures, brackets, lamps, etc. Solid copper conductors. No. 18 size has 1/4-inch new code rubber covering. No. 16 size, 1/2-inch new code rubber covering. Each is covered with saturated cotton braiding. Weight, per 100 feet, 1 1/2 pounds.

Article Number	Size	Price per foot	Price per 100 feet	Price per 1,000 feet
63X3102	18	3/4 c	67 c	\$6.10
63X3107	16	1 c	93 c	8.80

Old Code Rubber-Covered Copper Wire

63X3115—This grade wire is extensively used by contractors and electricians. Not as high grade insulation used as on code wire, but is suitable for cheap or temporary jobs. Will not pass Underwriters' inspection. Size, Conductor No. 14. Rubber covered. Single braid over all. Weight, per 100 feet, about 3 pounds.

Price per foot	Price per 100 feet	Price per 1,000 feet	Price per 5,000 feet
1 c	75 c	\$6.85	\$32.50

Weather-proof Copper Wire

For use on outside work only. Not to be used in damp or wet places. Withstands weather better than rubber-covered wire. Conductor is of solid copper wire, covered with a triple braid of weather-proof insulating material.

Article Number	Size	Weight per 100 feet, pounds	Price per 100 feet	Price per 1,000 feet	Price per 10,000 feet
63X3125	12	1 1/2 c	\$1.13	\$10.80	2 1/2
63X3130	10	1 1/2 c	1.52	14.70	3 1/2
63X3135	8	1 1/2 c	2.20	21.52	5 1/2
63X3140	6	3 1/4 c	3.00	29.35	7 1/2
63X3145	4	4 1/4 c	4.45	44.00	11
63X3150	4	6 1/2 c	6.47	64.20	16 1/2

New Code Twisted Pair Cotton Lamp Cord

New Code Lamp Cord. Two conductor, twisted. Coils contain 100 feet or 250 feet. We will, however, sell a smaller quantity if desired. Full coils tagged with Fire Underwriters' inspection stamp. Conductor consists of fine copper wire strands, twisted together. Covering is of fine quality, interwoven yellow and green cotton. This cord is used for drop lights and extensions. Weight, per 100 feet, about 5 pounds.

Article Number	Size	Price per foot	Price per 100 feet	Price per 1,000 feet
63X3175	18	2 c	\$1.60	\$15.35
63X3180	16	2 1/2 c	2.12	20.70
63X3185	14	3 1/2 c	3.20	31.30

New Code Twisted Pair Silk Lamp Cord

New Code Twisted Pair Lamp Cord. Covering is of high grade silk, in rich, fast colors. This cord is used for drop lights or portable lamps. Size, No. 18 only. Give article number of color wanted. Weight, per 100 feet, 5 pounds.

63X3190—Green	63X3198—Brown
63X3192—Yellow	63X3200—Maroon
63X3194—Old Gold	63X3202—White.
63X3196—Old Oak	

PRICES:

Per foot, 3 c; per 100 feet, \$2.80

New Code Parallel Silk Lamp Cord

New Code Insulation Lamp Cord. Consists of two conductors laid parallel, and covered with braided silk. The nearest cord for portable lamps. Size, No. 18 only. Give article number of color wanted. Weight, per 100 feet, 5 pounds.

63X3210—Green	63X3216—Old Oak
63X3212—Yellow	63X3218—Brown
63X3214—Old Gold	63X3220—Maroon
	63X3222—White

PRICE LIST

Per foot, 3 1/2 c; per 100 feet, \$3.00

New Code Reinforced Portable Lamp Cord

Consists of twisted pair of New Code Cord, over which is a seamless rubber jacket, and outer braid of cotton. The best cord for portable extension lights and lamps. Stands wear well. Weight, per 100 feet, 9 pounds.

Article Number	Size	Price per foot	Price per 100 feet
63X3250	18	3 c	\$2.60
63X3255	16	3 1/2 c	3.10
63X3260	14	4 1/2 c	3.95

Old Code Twisted Pair Lamp Cord

Consists of two conductors, made up of fine copper strands, and insulated with old code rubber compound. Conductors are covered, and then twisted together. Silk covering is green. Cotton covering is mixed green and yellow. Size, No. 18 only. Weight, per 100 feet, 4 pounds.

Article Number	Covering	Price per foot	Price per 100 feet	Price per 1,000 feet
63X3230	Cotton	1 1/2 c	\$1.25	\$11.90
63X3235	Silk	2 1/2 c	1.95	18.70

Electric Heater Cord

Two conductor electric heater cord. For use on all kinds of domestic and commercial heating devices. Each conductor is made up of a number of fine, bare copper wires twisted together. Conductor is enclosed in a rubber compound over which is a covering of asbestos and cotton braid. Two conductors so insulated are twisted together, and covered with a mercerized black cotton braiding. Very flexible and durable. Approved by Fire Underwriters.

Article Number	Size	Price per foot	Price per 100 feet	Weight per 100 feet
63X3265	18	3 1/2 c	\$3.25	5 pounds
63X3270	16	4 c	3.60	6 pounds
63X3275	14	5 c	4.60	8 pounds

Armored Cable

Consists of two or three solid copper wire conductors insulated with rubber, and two coverings of cotton braid, over which is a covering of flexible steel. Easier to install in many difficult places than any other kind of wire, especially in buildings already finished and in use. Weight, per 100 feet, about 44, 52 and 60 pounds, respectively.

Article Number	Number of C'd'rs	Gauge B. & S.	Price per foot	Price per 100 feet	Price per 1,000 feet
63X3305	Two	14	7 c	\$6.50	\$60.00
63X3310	Two	12	12 c	10.50	99.00
66X3315	Three	14	12 c	10.50	99.00

Duplex Lead Covered Cable

For underground or underwater use. Consists of solid copper wire conductors, insulated with new code rubber compound over which is a saturated taping. Two conductors so insulated are laid parallel and enclosed in a continuous lead sheath which is protection against the action of gases, acids, and all other destructive elements.

Article Number	Size	Price per foot	Price per 100 feet	Approximate Weight per 100 feet
63X3330	14	8 1/2 c	\$7.75	30 pounds
63X3335	12	10 c	8.90	34 pounds
63X3340	10	11 1/2 c	10.75	40 pounds
63X3345	8	16 c	15.25	60 pounds

Loom—Flexible Non-Metallic Conduit

Circular Loom. Flexible. Non-metallic Conduit. Moisture and fire resisting. Used for various insulating purposes. If rubber covered wires are run between partitions, they are usually put inside either loom or conduit, to afford proper fire protection.

Number Article	In- side Diam.	Price per foot	Price per 100 feet	Price per 1,000 feet	Weight per 100 feet
63X3380	1/4-inch	2 1/2 c	\$1.95	\$18.00	7 pounds
63X3385	3/8-inch	3 1/2 c	3.15	30.00	11 pounds
63X3390	1/2-inch	4 c	3.90	37.50	12 1/2 pounds
63X3395	3/4-inch	6 c	5.55	54.00	20 pounds
63X3399	1-inch	8 c	7.50	70.00	27 1/2 pounds

Wire Grip Wood Moulding

Moulding is used to conceal and hold wires. For wiring finished buildings. A neater and better job can be done with it than with porcelain cleats. Our wire grip moulding is easy to work with as it grips wire and prevents it from falling out. Price is for moulding two rubber covered wires, 12 or 14 gauge.

163X3410—Moulding has 1/4-inch grooves and holds two rubber covered wires, size 12 or 14.
163X3415—Same as 163X3410, but takes three wires.
163X3420—Has 3/8-inch grooves and takes No. 10 or smaller wire.

Article Number	Price per 10 feet	Price per 100 feet	Price per 1,000 feet
163X3410	20 c	\$1.60	\$15.40
163X3415	26 c	2.15	20.70
163X3420	26 c	2.05	19.70

Rigid Iron Conduit

Standard Enamelled Wrought Pipe. Thoroughly cleaned, and covered with double coat of elastic enamel. Is weather, water, acid and alkali-proof. Non-corrosive. Easily bent without injury to the enamel. Supplied in 10-foot lengths. Threaded on both ends, with coupling on one end. We recommend the use of iron conduit in all new buildings. Though more expensive, the system is better and safer.

Article Number	Size	Price per 10 feet	Price per 100 feet	Price per 1,000 feet	Weight per 100 feet
163X3430	1/2-inch	52 c	\$5.05	\$49.50	85 pounds
163X3435	3/4-inch	69 c	6.70	66.00	113 pounds
163X3440	1-inch	93 c	9.05	92.00	168 pounds

Insulating Tape and Splicing Compound

For wrapping wires where insulation has been scraped off. In making joints on electric wires, joints must first be soldered, then wrapped with rubber splicing compound over which friction tape must be wrapped.

63X5848—Black Friction Tape, width 1/4-inch. A high grade tape. Price, per half-pound package, 15 c.

63X5856—White Friction Tape, 1/4-inch. Extra fine quality. Used on electrical work of various kinds. Also extensively used by stone masons and cornhuskers to protect fingers while working. Price, half-pound package, 30 c.

63X5854—Rubber Splicing Compound, width, 1/4-inch. One of the best rubber splicing compounds on the market. Is equal to many tapes sold at double the price. Price, quarter-pound package, 18 c.

Solder—Prices on Solder Subject to Market Change

63X5830—Rosin Core Wire Solder. Requires no flux, indispensable for soldering electrical connections and extensively used on telephone work. Price, per pound, 45 c.

63X5832—Plain Wire Solder. Half and Half. Very handy for all electrical soldering. Price, per pound, 34 c.

SOLDERING PASTE

A fine Flux, in a convenient form. Helps make a stronger and neater joint than possible with any other flux. 63X5836—Price, per 2-ounce can, 9 c.

SOLDERING SALTS

63X5840—A non-corrosive Soldering Salt which is dissolved in water. Makes a perfect flux. Is non-toxic and will not injure hands. Price, per half-pound bottle, 22 c.

Gasoline Blow Torch

One of the finest and most popular Blow Torches on the market. Made of polished brass. Special bronze burner. Improved air pump. Produces a solid blue flame, generating about 1,500 degrees (Fahrenheit). Easily regulated. A fine torch for electricians and linemen. Also suitable for paint burning, thawing out pipes, and for plumbers, tinners, etc. Has an adjustable, removable iron holder. Each torch is tested and is perfect.

63X5864—Blow Torch. Capacity, 1 pint. Weight, 3 pounds. Price, each, \$2.65.

63X5866—Blow Torch. Capacity, 1 quart. Wt., 4 lbs. Price, each, \$3.10.

Steel Cut-Out and Switch Box

An approved box is required for every cut-out switch or fused branch block. These boxes are National Electric Code Standard and meet all requirements. They are made of enameled sheet steel, with electro welded seams. Covers fit tightly and open all the way. Boxes are strong, well made and neat in appearance. Are almost fire, water and dust proof. Have sufficient knock-outs for making all connections.

Article Number	Price each	Width inches	Length inches	Depth inches	Weight About Pounds
63X3550	\$0.36	4 1/2	9	3 1/2	3
63X3552	.45	6	8	4	3 1/2
63X3554	.58	8	10	4	5 1/2
63X3556	.65	10	12	4	7 1/2
63X3558	.80	12	18	4	11 1/2
63X3560	1.20	12	24	4	15 1/2

Conduit Fittings

Article Number	Description	Size inches	Price each	Price per 100	Wt. Each Ounce
63X3575	Metal Straps	1/2	1/4 c	\$0.25	1 1/2
63X3577	Metal Straps	3/4	1/4 c	.40	1 1/2
63X3579	Metal Straps	1	1/4 c	.40	1 1/2
63X3585	Elbows	1 1/2	16 c	10.00	12
63X3587	Elbows	2	21 c	20.00	20
63X3589	Elbows	1	46 c	14.00	32
63X3595	Couplings	1 1/2	5 c	4.95	2
63X3597	Couplings	2	6 c	5.90	4
63X3599	Couplings	1	8 c	7.40	5
63X3605	Locknuts	1 1/2	1 c	4.75	1/2
63X3607	Locknuts	2	1 c	.96	1
63X3609	Locknuts	1	1 c	.96	1
63X3615	Bushings	1 1/2	1 c	1.26	1 1/2
63X3617	Bushings	2	1 c	2.38	2
63X3619	Bushings	1	3 c		

Bushing for Non-Metallic Conduit

Holds loom to box securely and neatly. Eliminates possible friction and injury to insulation. Easy to install. Designed for bushing 1/4-inch loom into 1/2-inch hole. Required wherever loom is run into a metal box. Illustration shows bushing in position. Weight, each, 1 ounce.

63X3625—Bushing for non-metallic conduit. Price, each, 2 c; per 100, \$1.25.

Box Connectors for Armored Cable

Connector for securing armored cable to cut-out box, outlet box or push switch Wall Box. Box connectors are required where cable cannot be brought in at right angles. They also make a more compact and neater job. Fit all three size cables listed. Require 1/4-inch knockout hole. Diameter, 1/2-inch. Weight, each, 1 to 5 ounces.

Article Number	Style	Price each	Price Dozen
63X3630	Straight	5 c	58 c
63X3634	45 degree angle	9 c	96 c
63X3638	90 degree angle	9 c	97 c

Porcelain Bushings

A porcelain bushing is required wherever a rubber covered wire passes through a metal wall, as in a steel outlet box, metal wall box, etc. Weight, each, about 1 ounce. 63X3650—Bushing to fit 1/4-inch loom hole (diameter, 3/8-inch). Price, each, 3 1/2 c; per dozen, 36 c; per 100, \$2.50.

63X3652—Bushing to fit 1/2-inch conduit hole (diameter, 5/8-inch). Price, each, 4 c; per dozen, 45 c.

Conduit Fittings—Unilets

Similar in design to and serve the same purpose as Condulets and Taplets. Weight, each, 6 to 14 ounces.

Article Number	To Fit Conduit Size	Price, Each
63X3802	1/4 inch	13c
63X3804	3/8 inch	18c
63X3806	1 inch	22c

Type No. 1, Unilet Without Cover	Article Number	To Fit Conduit Size	Price, Each
	63X3822	1/4 inch	15c
	63X3824	3/8 inch	18c
	63X3826	1 inch	25c

Type No. 6, Unilet Without Cover	Article Number	To Fit Conduit Size	Price, Each
	63X3832	1/4 inch	15c
	63X3834	3/8 inch	18c
	63X3836	1 inch	25c

Service Entrance Unilet Without Cover	Article Number	To Fit Conduit Size	Price, Each
	63X3862	1/4 inch	25c
	63X3864	3/8 inch	33c
	63X3866	1 inch	63c

Unilet Covers	Article Number	Style	Size, Inch	Price, Each
	63X3868	Blank Metal	1/4	4c
	63X3869	Blank Metal	3/8	6c
	63X3870	Blank Metal	1	12c
	63X3872	Two Wire Porcelain	1/4	8c
	63X3874	Two Wire Porcelain	3/8	13c
	63X3876	Two Wire Porcelain	1	30c
	63X3877	Three Wire Porcelain	1/4	8c
	63X3878	Three Wire Porcelain	1	13c

Porcelain Tubes
Un glazed Porcelain Tubes. 5/8 in. inside, 1 1/2 outside. Take either 14, 12 or 10 single braid rubber covered and weather-proof wire. Required wherever a wire is drawn through a partition or joist of any kind. Length given is from underhead to end.

Article Number	Length, Inches	Each	Per 100	Per 1,000	Weight, per 100 pounds
63X3902	3	1/2 c	\$0.35	3.45	7 1/2
63X3904	4	1 c	.65	6.40	9
63X3906	6	1 1/2 c	.95	9.40	13
63X3908	8	3 c	2.70	24.30	15 1/2

Porcelain Cleats
Glazed porcelain cleats. Take either 14, 12 or 10 wires. Two wire have 2 1/2 inch wire centers. Three-wire have 1 1/2 inch wire centers. Weight, per pair, 4 ounces.

63X3920—Two-wire. Price, per pair.....	\$0.01 1/4
Per 100 pairs.....	1.35
63X3922—Three-wire. Price, per pair.....	1 1/2
Per 100 pairs.....	1.37

Round Solid Porcelain Knobs
63X3925—Old code No. 5 1/2 solid porcelain knob. Height, 1 1/4 inches. Diameter, 1 inch. Hole, 3/8 inch. Groove, 1/4 inch. Weight, per 100, 8 1/2 pounds. Price, each, 3/4 c; per 100, 46c.
63X3927—New code No. 5 1/2 solid porcelain knob. Height, 1 1/4 inches. Diameter, 1 inch. Hole, 3/8 inch. Groove, 1/4 inch. Weight, per 100, 11 1/2 pounds. Price, each, 1 c; per 100, 60c.
63X3929—No. 5 1/2 solid porcelain knob. Height, 1 1/4 inches. Diameter, 1 1/2 inches. Hole, 3/8 inch. Groove, 1/4 inch. Weight, per 100, 20 pounds. Price, each, 1 1/4 c; per 100, 93c; per 1,000, \$8.50.
63X3931—No. 4 1/2 solid porcelain knob. Height, 1 1/4 inches. Diameter, 1 1/2 inches. Hole, 3/8 inch. Groove, 1/4 inch. Weight, per 100, 21 1/2 pounds. Price, each, 1 1/2 c; per 100, \$1.05; per 1,000, \$9.50.

Round Split Porcelain Knobs
63X3935—Old code No. 5 1/2 porcelain split knob. Height, 1 1/4 inches. Diameter, 1 inch. Hole, 3/8 inch. Grooved to take two No. 12, or 14 wires. Weight, per 100, 9 1/2 pounds. Price, each, 1 c; per 100, 85c; per 1,000, \$7.45.
63X3937—New code No. 5 1/2 porcelain split knob. Height, 1 1/4 inches. Diameter, 1 1/2 inches. Hole, 3/8 inch. Grooved to take two No. 12, or 14 wires. Weight, per 100, 11 pounds. Price, each, 1 c; per 100, 95c; per 1,000, \$8.50.

Reversible Porcelain Knobs
63X3940—Square Reversible split knob. Top and bottom pieces are the same. Height, 1 1/2 inches. Width, 1 1/2 inches. Grooved for two No. 12 or 14 wires. Weight, per 100, 17 pounds. Price, each, 1 1/2 c; per 100, \$1.25.
63X3942—Round Reversible split knob. Top and bottom pieces alike. Height, 1 1/2 inches. Diameter, 1 1/2 inches. Weight, per 100, 20 pounds. Price, each, 1 1/2 c; per 100, \$1.27.

NOTE—Weights and measurements on all porcelain goods will vary slightly.

Nail Heads and Screws
63X3950—Leather Nail Heads for use with any of above knobs or cleats. Weight, per package of about 100, 2 ounces. Price.....8c
63X3952—Wood screws for use with any of above knobs or cleats. Length, 2 1/2 inches. Size, 11. Round head. Blued. Weight, per gross, 2 1/2 pounds. Price, per dozen, 6c; per gross.....60c

Porcelain Cleat Rosette
Used with cleat wiring. For installing drop cords. Easy to install. Cap turns on base. Weight, each, 8 ounces.
63X3965—Price, each, 9c; ten for 79c; per 100.....\$6.75

Porcelain Concealed Rosette

Used with concealed wiring. For installing drop cords. Easy to install. Cap turns onto base. Weight, each, 8 ounces.

63X3960—Price, each, 9c; ten for 79c; per 100.....	\$6.75
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Porcelain Moulding Rosette

Used with moulding system of wiring. For installing drop lights. Easy to install. Cap turns onto base. Weight, each, 9 ounces.

63X3970—Price, each, 9c; ten for 79c; per 100.....	\$6.75
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One-Piece Rosette

63X3980—One-piece Rosette. For any style wiring. Weight, each, 5 ounces. Price, each, 5c; ten for, 45c; per 100.....\$3.98

Shallow Ceiling Box

Shallow ceiling outlet box without lugs. Used for fixture and bracket outlet. Has knock-outs for 1/2 inch conduit or armored cable. Diameter, 4 inches. Depth, 1/2 inch. Weight, each, 7 ounces.

63X3770—Price, each, 7c; per 100.....	\$6.30
63X3776—Same style box, but with 3/8-inch knockouts for non-metallic conduit. Price, each.....	7c

Metal Wall Box for Loom or Knob and Tube Wiring
A metal wall box must be used with every wall receptacle or flush switch. One gang box is used where one switch is installed. Two gang box is used where two switches are installed together, etc. This type box is used with flexible, non-metallic conduit loom. Depth, 2 inches. Outlet holes, diameter, 5/8 inch for 1/2 inch loom. Takes any standard push switch or wall receptacle. Weight, per gang, about 11 ounces.

Article Number	Number Gangs	Price, Each	Price, for Ten
63X3670	One	14c	\$1.30
63X3672	Two	24c	2.30
63X3674	Three	32c	2.95

Metal Wall Box for Conduit or Armored Cable
For push switches and wall receptacles. Has knockout holes for 1/2 inch conduit and armored cable. Any number of gangs required can be made by adding spacers to the two gang box. Size of single gang box, length, 3 inches; width, 2 inches; depth, 2 1/2 inches. Weight, per gang, about 14 ounces.

63X3680—Single gang box. Price, each.....	15c
63X3682—Two gang box. Price, each.....	30c
63X3684—Spacers. Price, each.....	14c

Octagon Outlet
Standard outlet boxes, at prices that mean a saving. Made of heavy stamped sheet metal. One of these boxes is required at each branch or outlet. Have knockouts for 1/2 inch conduit or armored cable. Octagon shape, makes them easy to install and permits of a better job. Have lugs and screws for covers.

Article Number	Diameter, Inches	Depth, Inches	Weight, ounces	Each	Per 100
63X3690	3 1/4	1 1/2	6	9c	\$8.50
63X3695	4	1 1/2	7	11c	10.45

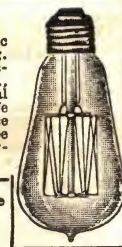
Covers for Octagon Boxes
63X3702—Open cover for 4-inch box. 3/4-inch crown. 2 1/2-inch opening. For brackets. Shipping weight, 3 ounces. Price, each.....5c
63X3704—Raised center closed cover for 4-inch box. Each.....5c
63X3706—Raised closed cover, for 4-inch box. 3/4-inch insulating bushing in center. Each.....3c
63X3708—Closed, flat steel cover, for 4-inch box. Each.....4c
Flat steel cover stamped and slotted to take any 5 to 10 ampere snap switch.
63X3710—For 4-inch box. Each.....8c
63X3714—Raised center closed cover for 3 1/4-inch box. Each.....3c
63X3716—Closed, flat steel cover, for 3 1/4-inch box. Each.....2c
63X3718—Raised open cover for 3 1/4-inch box, to take outlet box receptacle. Can also be used on brackets. Hole, diameter, 1 1/2 inches. Price, each.....5c
63X3720—For 3 1/4-inch box. Each.....6c

Square Outlet Box
Made of heavy stamped sheet metal. Has knockouts on side and bottom for 1/2-inch conduit or armored cable, also two knockouts for 1/2-inch gas pipe. Has lugs and screws for covers. Can be used as fixture outlet box, junction box or push switch box. 4 inches square. 1 1/2 inches deep.
63X3730—Each.....14c

Covers for Square Outlet Box
63X3735—Open bracket cover. Has 3/4-inch crown. Price, each.....7c
63X3737—Closed raised cover with 3/4-inch insulating bushing. Price, each.....8c
63X3739—Flat closed cover. Price, each.....6c
63X3741—Shallow cover, 3/4-inch, for single standard push button switch or wall receptacle. Price, each.....9c
63X3743—Shallow cover, 3/4-inch, for two standard push button switches or wall receptacles. Price, each.....12c

Drawn Wire Tungsten Lamps

These lamps are the highest scientific development in the art of lamp making. They are marketed under various manufacturers' trade names, such as Mazda, U. S. Laco, etc. The lamps we supply are equal in efficiency, brilliancy and length of life to any lamps on the market. Produce three times as much light as the old type carbon lamps on the same amount of current.



Straight Side (Like Cut) Edison Base Clear Tungsten Lamps

Article Number	Watts	C. P.	Price, each	Five For
63X4803	10	8	24c	\$1.15
63X4805	15	12	24c	1.15
63X4807	20	16	24c	1.15
63X4809	25	21	34c	1.65
63X4811	40	36	35c	1.65
63X4812	50	45	35c	1.65
63X4813	60	54	35c	1.65
63X4815	100	98	56c	2.70

Straight Side (Like Cut) Edison Base Full Frosted Tungsten Lamps

Article Number	Watts	Candle Power	Price, each	Five For
63X4823	10	8	26c	\$1.25
63X4825	15	12	26c	1.25
63X4827	20	16	26c	1.25
63X4829	25	21	36c	1.25
63X4831	40	36	37c	1.30
63X4833	50	45	35c	1.70
63X4835	60	54	35c	1.70
63X4835	100	98	63c	3.00

Pear Shape Mogul Base Nitrogen Filled Clear Tungsten Lamps

Article Number	Price each	Watts	C. P.	Lgth, inch.	Diam. inch.	Shipping weight
63X4850	\$2.55	300	430	9 1/4	4 1/2	5 pounds
63X4852	3.40	400	570	10	5	5 pounds
63X4854	3.83	500	715	10	5	8 pounds
63X4856	5.10	750	1150	13 1/2	6 1/2	8 pounds
63X4858	5.95	1000	1500	13 1/2	6 1/2	10 pounds

Pear Shape Mogul Base Nitrogen Filled Full Frosted Tungsten Lamps

Article Number	Price each	Watts	C. P.	Lgth, inch.	Diam. inch.	Shipping weight
63X4860	\$2.64	300	430	9 1/4	4 1/2	5 pounds
63X4862	3.53	400	570	10	5	5 pounds
63X4864	3.96	500	715	10	5	8 pounds
63X4866	5.32	750	1150	13 1/2	6 1/2	8 pounds
63X4868	6.17	1000	1667	13 1/2	6 1/2	10 pounds

Round Edison Base Frosted Tungsten Lamps

Article Number	Price, each	Watts	C. P.	Diameter Bulb
63X4914	43c	25	24	3 1/2 inches
63X4916	43c	40	38	3 1/2 inches
63X4918	62c	60	60	3 1/2 inches

Shipping weight, each, about 1 pound.

Straight Side Edison Base Clear Tungsten Lamps

Article Number	Price each	Five for	Watts	Candle Power
63X4920	29c	\$1.40	25	20
63X4922	29c	1.40	40	35
63X4924	39c	1.90	60	54
63X4926	69c	3.40	100	97

Shipping weight, each, about 1 pound.

Straight Side Edison Base Clear Tungsten Lamps

Article Number	Price each	Five for	Watts	Candle Power
63X4930	24c	\$1.15	10	8
63X4932	24c	1.15	15	12
63X4934	24c	1.15	20	17
63X4936	24c	1.15	25	23
63X4938	24c	1.15	40	40
63X4940	32c	1.60	50	50

Shipping weight, each, 1 pound.

High-Grade Carbon Lamps

Best quality new Class A Carbon Lamps. Made by one of the most reliable factories in the country. These being new lamps of the best quality, they are vastly superior to the refilled lamps usually offered at our prices.
63X4970—8 C. P. 100 volt. Price, each.....\$0.13
Per dozen.....1.33
63X4972—16 C. P. 110 volt. Price, each.....1.13
Per dozen.....1.40
63X4974—32 C. P. 110 volt. Price, each.....2.20
Per dozen.....2.25
Shipping weight, each, about 1 pound.

Hylo Lamp

Two lights in one lamp. A bright light, a dim light or out with a pull of the string. Plenty of light to read or work by or pilot light to show the way.
63X4980—Hylo Mazda Lamp, 25 watts, 110 volt, 20 C. P. HY; 3 C. P. LO. Price, each.....83c
63X4982—Hylo Mazda Lamp, 40 watts, 110 volt, 36 C. P. HY; 3 C. P. LO. Price, each.....83c
63X4984—Hylo Carbon Lamp, 16 C. P., 110 volt, C. P. HY; 1 C. P. LO. Price each.....54c
63X4986—Hylo Mazda Lamp, 25 watt, 80 volt, 20 C. P. HY; 3 C. P. LO. Price, each.....83c
Shipping weight, each, about 1 pound.



Standard Electrical Wiring Goods at Money Saving Prices

All Sockets, Plugs, Bases and Receptacles are for Edison Base unless otherwise specified



Brass Shell Key Sockets

National Electric Code Standard Sockets with key to turn current off and on. Brass shell, fiber lined, 1/2-inch cap. Take any Edison base lamp. Weight, 3 ounces each. The brands we carry are of the best quality of their respective classes.

NEW WRINKLE KEY SOCKETS
63X4501—Brush Brass Finish. Price, each23c
63X4503—Polished Nickel Finish. Price, each25c
63X4505—Oxidized Copper Finish. Price, each25c
INDEPENDENT KEY SOCKETS
63X4511—Brush Brass Finish. Price, each18c

Brass Shell Keyless Sockets
 National Electric Code Standard Sockets, without keys. Brass shell, fiber lined. 1/2-inch cap. Weight, 3 ounces each. The brands we carry are of the best quality of their respective classes.

NEW WRINKLE KEYLESS SOCKETS
63X4520—Brush Brass Finish. Price, each22c
63X4522—Polished Nickel Finish. Price, each24c
63X4524—Oxidized Copper Finish. Price, each24c
INDEPENDENT KEYLESS SOCKETS
63X4530—Brush Brass Finish. Price, each17c

Pull Chain Socket
 New Wrinkle Pull Chain Socket. Brass shell, fiber lined. Has 8-inch chain, 1/2-inch cap. Weight, each, 3 ounces.
63X4535—Brush Brass Finish. Price, each40c
63X4537—Oxidized Copper Finish. Price, each46c
63X4539—Polished Nickel Finish. Price, each46c

Porcelain Sockets
 National Electric Code Standard Sockets. White porcelain body and key. Threaded 1/2-inch brass cap, in satin (brush) finish. For use on fixtures, or drop cord. Weight, each, 5 and 7 ounces.
63X4545—Porcelain Key Socket. Price, each19c
63X4549—Porcelain Keyless Socket. Price, each18c

Composition Bushings
 Required in all sockets which are hung from drop cord. Fits any standard 1/2-inch cap socket. Weight, about 1 ounce per dozen. Price, each1c
 Per hundred25c

Wall or Ceiling Socket
 Used for beam or ceiling light. Edison base. Shell is of brass in brush (satin) finish. Bottom is insulated with porcelain. Diameter, 3 1/4 inches. Weight, 11 ounces.
63X4565—Key Socket. Price, each44c
63X4567—Pull Chain Socket. Price, each64c

Key Wall Socket
63X4570—Porcelain base wall socket. Brass shell brush (satin) finish. Key to turn current on and off. Weight, 5 ounces. Price24c

Keyless Wall Socket
63X4575—Keyless porcelain base wall socket. Brass shell in brush (satin) finish. Weight, 3 ounces. Price, each16c

Porcelain Receptacle
63X4580—Porcelain temporary receptacle. Used for temporary work in and outdoors. Screw holes 2 inches on center. Weight, 4 ounces. Price, each6c
 10 for56c
 100 for\$5.30

Weather-Proof Socket
63X4582—Porcelain weather-proof socket. For outside wiring. Has 6-inch wire leads to connect onto supply line. Weight, each, 5 ounces. Price, each8c
 10 for73c
 100 for\$6.95



Outlet Box Receptacles

Outlet box receptacle with cover and wire leads. Weight, 8 ounces.
63X4590—For 3/4 inch box. Price, each17c
63X4592—For 4-inch box. Price, each18c



Lock Socket
63X4594—Key Lock Socket. Locks Lamp securely so that it cannot be removed except with key. Prevents theft of lamps. Brush brass finish shell. 1/2-inch cap. Weight, 3 ounces. Price, each33c
63X4596—Key to open socket. Each35c



Mogul Socket
63X4598—Large socket to take mogul screw lamp. Keyless. Brushed brass shell. Length, 3 1/2 inches; 1/2-inch cap. Weight, 1 pound. Price, each97c



Snap (Turn Button) Switches
 A high-grade switch. In our estimation the equal of any made. Approved National Electric Code Standard. The three way switches listed can be arranged to control the same light from two different places. Weight, each, 4 ounces.
63X4102—Non-Indicating Single Pole. 125 volt, 5 ampere; or 250 volt, 3 ampere. Each16c
63X4104—Indicating Single Pole. Each19c
63X4110—Three Way. (Three Point.) 125 volt, 10 ampere or 250 volt, 5 ampere. Weight, each, 4 ounces. Price, each29c
63X4114—Non-Indicating, Single Pole. Each29c
63X4116—Indicating, Single Pole. Each32c
63X4118—Three Way. (Three Point.) Each40c



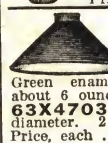
Flexo Socket Attachment
 This attachment will fit on any standard key socket. Instantly making a pull chain socket out of a key socket. Strongly made. Snaps right over the key and sticks. Simple, practical, efficient. Socket not included. Weight, each, 1 ounce.
63X4649—Price, each10c



Porcelain Attachment Plug
63X4670—Separable Attachment Plug. Porcelain body and cap. A first-class plug in every respect. Holds together firmly and can be separated at any angle. Weight, each, 4 ounces. Price, each14c



Brass Cap Attachment Plug
63X4674—Solid Attachment Plug. Has fiber lined brass cap. Porcelain body. Fits any standard Edison base socket. Weight, each, 3 ounces. Price, each11c



Tin Lamp Shade
 Best quality, finely finished, Tin Lamp Shades. White enameled inside. Green enameled outside. Weight, each, about 6 ounces.
63X4703—Deep Cone Shade. 10 inch diameter and 1/4 inch holder. Price, each\$0.15
 Dozen1.70
63X4707—Half Cone Shade. 10 inch diameter. 2 1/4 inch holder. Price, each12c
63X4712—Flat Shade. 10 inch diameter. 2 1/4 inch holder. Price, each12c



Shade Holder
63X4730—Electric Shade Holder. 2 1/4 inch size. Made of strong heavy brass. Always holds shade level. Brush (satin) brass finish. Weight, about 1/2 ounce each. Price, each5c
63X4732—Electric Shade Holder. 3/4 inch size. Price, each7c



Uno Shade Holder
 The latest and best shade holder made. Screws onto New Wrinkle Sockets. Firm and strong. Made of heavy brass. Weight, 1 ounce each.

Article Number	Price, each	Size Holder, inches	Finish
63X4735	5c	2 1/4	Br. Brass
63X4737	6c	2 1/4	Nickel
63X4739	6c	2 1/4	Ox. Cop.
63X4741	9c	3 1/4	Br. Brass



Wire Lamp Guard

New Never Break Wire Lamp Guard. Protects lamp against accidental breakage. Slips over lamp without a holder. Weight, each, 2 ounces.
63X4721—Lamp Guard to fit over 16 C. P. carbon, 40 Watt Tungsten or smaller lamps. Price, each\$0.22
 Dozen\$2.20
63X4723—Lamp Guard to fit over 32 C. P. carbon, 60 Watt Tungsten or smaller lamps. Price, each\$0.14
 Dozen\$1.40



Porcelain Switch Bases
 Required to be used with snap switches. Weight, about 1 ounce.
63X4150—For concealed wiring. Takes 5 ampere switch. Price, each\$1.60
63X4152—For concealed or clear wiring. Takes any 5 or 10 ampere switch. Price, each\$2.70
63X4154—For moulding or concealed wiring. Takes any 5 or 10 ampere switch. Price, each\$2.70



Push Button Flush Switch
 A high-grade switch. In our opinion equal in quality and durability to any switch made. Standard shallow type. Depth, 1 1/2 inches. Weight, 6 ounces. For 125 volt, 10 ampere current, 250 volt, 5 ampere current.
63X4160—Single Pole. Price, each\$0.19
 Ten for1.60
63X4162—Double Pole. Price, each\$0.35
 Ten for3.30
63X4164—Three Way. Price, each\$1.35
 Ten for13.50
63X4166—Four Point. Price, each\$1.00



Push Button Flush Switch Face Plates
 Made of heavy solid brass. The equal in every respect to any plate, regardless of price. Fit all standard Push Button Flush Switches. Weight, about 2 ounces per gang.

Article Number	Price each	No. Gangs	Finish
63X4175	11c	1	Brush Brass
63X4177	22c	2	Brush Brass
63X4179	33c	3	Brush Brass
63X4181	13c	1	Ox.
63X4183	26c	2	Ox.
63X4185	39c	3	Copper
63X4187	13c	1	Nickel Plated
63X4189	26c	2	Nickel Plated
63X4191	39c	3	Nickel Plated

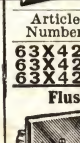


Flush Receptacle for Edison Base Screw Plug
 Adapted to take any standard Edison Base Screw Attachment Plug. This receptacle is useful for connecting electric irons, toasters, table lamps, etc., to current. When not in use, is level and flush to surface, to which it is fastened. Price includes receptacle and plate. Weight, 10 ounces.

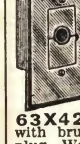
Article Number	Price each	Finish of Plate
63X4202	40c	Brush Brass
63X4204	44c	Ox. Copper
63X4206	44c	Nickel



Flush Receptacle, Chapman Type
 Known under various trade names as Chapman Receptacle, Manhattan Receptacle, etc. Now being extensively installed in new buildings, for supplying current to table lamps, heating devices, motors, etc. Can be fitted into baseboard, ceiling or floor. When not in use is level and flush with surface, to which it is fastened, with flush brass face plate and porcelain plug. Weight, 12 ounces. Price, each 58c
63X4210—Flush Receptacle. Complete with flush brass face plate and porcelain plug. Weight, 12 ounces. Price, each 58c
63X4214—Extra Porcelain Plugs. Price, each12c



Pendant Switch
63X4220—Pendant Switch, with brass shell. Attached to drop cord to control lights out of reach. Also used in connection with heating devices, fans, etc. Pleasing in appearance. Just heavy enough to keep conducting cord straight. Weight, 4 ounces. Price, each33c



Fuse Links
 For use on slate base switches. 1 1/2-inch centers. Weight, per dozen, 1 ounce.

Article Number	Amp.	Price, per dozen
63X4410	3	22c
63X4412	6	22c
63X4414	10	22c
63X4416	12	22c
63X4418	15	22c
63X4420	20	22c
63X4422	25	22c
63X4424	30	22c



Edison Base Plug Fuses
 For use on currents up to 125 volts. In selecting plugs, choose the smallest size that will pass just enough current for line with maximum load on.

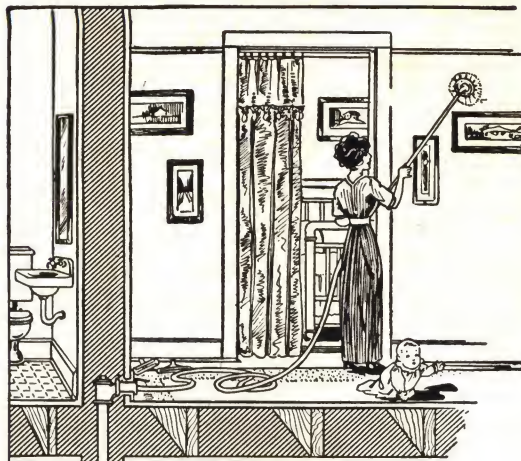
Amp.	Price, each	Amp.	Price, each
63X4370	3	63X4378	15
63X4372	6	63X4380	20
63X4374	10	63X4382	25
63X4376	12	63X4384	30
63X4378	15	63X4386	40
63X4380	20	63X4388	50
63X4382	25	63X4390	60
63X4384	30	63X4392	75
63X4386	40	63X4394	100
63X4388	50	63X4396	125
63X4390	60	63X4398	150
63X4392	75	63X4400	200
63X4394	100	63X4402	250
63X4396	125	63X4404	300
63X4398	150	63X4406	350
63X4400	200	63X4408	400
63X4402	250	63X4410	450
63X4404	300	63X4412	500
63X4406	350	63X4414	550
63X4408	400	63X4416	600
63X4410	450	63X4418	650
63X4412	500	63X4420	700
63X4414	550	63X4422	750
63X4416	600	63X4424	800
63X4418	650	63X4426	850
63X4420	700	63X4428	900
63X4422	750	63X4430	950
63X4424	800	63X4432	1000
63X4426	850	63X4434	1050
63X4428	900	63X4436	1100
63X4430	950	63X4438	1150
63X4432	1000	63X4440	1200
63X4434	1050	63X4442	1250
63X4436	1100	63X4444	1300
63X4438	1150	63X4446	1350
63X4440	1200	63X4448	1400
63X4442	1250	63X4450	1450
63X4444	1300	63X4452	1500
63X4446	1350	63X4454	1550
63X4448	1400	63X4456	1600
63X4450	1450	63X4458	1650
63X4452	1500	63X4460	1700
63X4454	1550	63X4462	1750
63X4456	1600	63X4464	1800
63X4458	1650	63X4466	1850
63X4460	1700	63X4468	1900
63X4462	1750	63X4470	1950
63X4464	1800	63X4472	2000
63X4466	1850	63X4474	2050
63X4468	1900	63X4476	2100
63X4470	1950	63X4478	2150
63X4472	2000	63X4480	2200
63X4474	2050	63X4482	2250
63X4476	2100	63X4484	2300
63X4478	2150	63X4486	2350
63X4480	2200	63X4488	2400
63X4482	2250	63X4490	2450
63X4484	2300	63X4492	2500
63X4486	2350	63X4494	2550
63X4488	2400	63X4496	2600
63X4490	2450	63X4498	2650
63X4492	2500	63X4500	2700
63X4494	2550	63X4502	2750
63X4496	2600	63X4504	2800
63X4498	2650	63X4506	2850
63X4500	2700	63X4508	2900
63X4502	2750	63X4510	2950
63X4504	2800	63X4512	3000
63X4506	2850	63X4514	3050
63X4508	2900	63X4516	3100
63X4510	2950	63X4518	3150
63X4512	3000	63X4520	3200
63X4514	3050	63X4522	3250
63X4516	3100	63X4524	3300
63X4518	3150	63X4526	3350
63X4520	3200	63X4528	3400
63X4522	3250	63X4530	3450
63X4524	3300	63X4532	3500
63X4526	3350	63X4534	3550
63X4528	3400	63X4536	3600
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63X4532	3500	63X4540	3700
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63X4538	3650	63X4546	3850
63X4540	3700	63X4548	3900
63X4542	3750	63X4550	3950
63X4544	3800	63X4552	4000
63X4546	3850	63X4554	4050
63X4548	3900	63X4556	4100
63X4550	3950	63X4558	4150
63X4552	4000	63X4560	4200
63X4554	4050	63X4562	4250
63X4556	4100	63X4564	4300
63X4558	4150	63X4566	4350
63X4560	4200	63X4568	4400
63X4562	4250	63X4570	4450
63X4564	4300	63X4572	4500
63X4566	4350	63X4574	4550
63X4568	4400	63X4576	4600
63X4570	4450	63X4578	4650
63X4572	4500	63X4580	4700
63X4574	4550	63X4582	4750
63X4576	4600	63X4584	4800
63X4578	4650	63X4586	4850
63X4580	4700	63X4588	4900
63X4582	4750	63X4590	4950
63X4584	4800	63X4592	5000
63X4586			



House Cleaning Made Easy Victor Power-Driven Vacuum Cleaners



**Clean the Whole House—Floors, Walls and Furniture—
In Short Time, with Little Effort, at Small Cost**



Labor-Saving

Vacuum Cleaners clean easier, quicker, and more thoroughly than broom or sweeper. Even with the ordinary machine, the floors, the furniture, the walls, the hangings, and even clothing, are cleaned as never before with an ease and speed that is almost like magic. No more backbreaking drudgery in house-cleaning—the machine does all the hard work. It is unnecessary to move the heavy furniture around, as nozzles are furnished that get into the most inaccessible corners. Over and above all this is the

Health-Saving

feature. Whenever ordinary sweeping is done, dust and germs are scattered. Dr. Evans, former Health Commissioner of Chicago, says that if all knew how carpet-beaters die off, carpet-beating and sweeping would stop at once. Why take the risk when a vacuum cleaner, which causes no dust at all, can be obtained at such small cost?



Power Vacuum Cleaners

Power Machines of course reduce the work to a minimum. All that is necessary is to make the connections and guide the nozzle. Many requests for an inexpensive machine that can be run by any sort of power have come to us, and in response we are offering the Victor. It will give excellent service and the price is only one half what is usually charged at retail for a Power Machine.



The Victor does such superior work, saves the housewife so much in labor, health, time, and wear and tear on the furnishings that you really owe it to yourself to get one. Considering that the machine costs only 3 or 4 cents an hour to run, and that the price should be divided over a number of years, you will see that it pays for itself in time saved, while it cleans incomparably better than can be done in any other way.

Description

The Victor Vacuum Cleaners are strongly built, and free from complicated parts. No valves to get out of order, no internal mechanism to give trouble. The machine consists of a powerful Rotary Exhauster, equipped with two rotating impellers which create a strong suction, mounted on an iron base; a large Steel Tank containing dust filter and dust collector chamber, easily emptied; the necessary Piping to connect exhauster and tank; besides the following Accessories: 2 nickel-plated self-closing Inlet Valves for wall or baseboard; 30 feet of green silkolene braid-covered Vacuum Hose to fit inlet valves and cleaning nozzles; 1 4-foot nickel-plated

Hollow Handle with swivel joint; 1 nickel-plated 12-inch Carpet Cleaner; 1 nickel-plated 4-inch Upholstery Cleaner; 1 nickel-plated 1-inch Tuft or Radiator Cleaner; 1 nickel-plated Felt-face 14-inch Cleaner; 1 8x2 1/2-inch Brush Cleaner; 1 Plain Rubber Nozzle, for use where Tuft Cleaner might scratch.

We also include a 1-quart can of lubricating oil; an oil funnel for oiling bearings on exhauster; a water funnel for filling reservoir in base of exhauster; a dirt pan for emptying dirt. Also a book of complete instructions.

Specifications and Prices

Number	286X455	286X456
Size	Number 1	Number 2
Floor Space	13x26 inches.	22x32 inches
Height	40 inches.	49 inches
Weight, about	190 pounds	380 pounds
Standard pulley furnished	5 1/2 inch face	9 1/2 inch face
Revolutions per minute	1,700	850
Air Passed per minute	40 cubic feet	80 cubic feet
Minimum power required	3/4 horsepower	1 1/2 horsepower
	\$88.50	\$142.00

Shipped from factory in Northern Illinois.

Note—Important

If you already have an engine, be sure to give the speed, also diameter and width of pulley, also width of fly wheel. We will then fit the Cleaner with a pulley of suitable size to obtain the required speed.

Suction Hose

286X457—Heavy Rubber Suction Hose, inside diameter, 1 1/4 inches. Wire insertion. Used especially on portable outfits for leading from dirt tank to the lighter silkolene-covered vacuum hose used in the building (of which we supply a 30-foot section with the Cleaner). Weight, per foot, about 1 pound. Per foot **30c**

Shipped from factory in Northern Illinois.

286X458—Green Silkolene Braid-Covered 1-inch Suction Hose, same as comes with machine. Both ends fitted with taper nipples. Weight, per foot, about 1/4 pound. Per foot **30c**

Shipped from factory in Northern Illinois.

Curry Comb Tool

286X459—Removes dirt and insects from horses, cows, etc., without injury to animal. Weight, 3/4 pound. Each **90c**

Shipped from factory in Northern Illinois.

Pipe and Fittings

The pipe and fittings used in the picture on the left can also be obtained from us. If you cannot determine just what pipe and fittings you need, we will gladly give you the information and prices if you will send us a sketch of each floor and basement, showing location, size, and height of rooms and basement, also thickness of floors. The Victor Machines are easy to install.

Belting

Order the belting, if you need it, from our large general catalogue. Use 1 1/2 inch leather belt for Size Number 1, and 2-inch leather belt for Number 2. If likely to be exposed to the weather or used in a damp place, we recommend rubber or stitched canvas belting.

Engines

If you want a gasoline engine for use with the Victor Cleaner, order our Dairy Maid 1 horsepower engine for size Number 1, or our Neward 2 horsepower for Size Number 2. Descriptions of these will be found in our big catalogue.

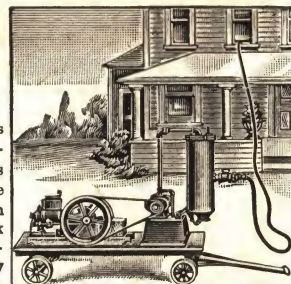
Important.—If you order an engine from us, we will furnish the proper size pulley on the Cleaner to give the required speed. If you already have an engine, be sure to give the following: Speed, diameter and width of pulley; diameter and width of fly wheel.

Motors for Electric Current

Write for price on motor if you have electricity. Be sure to give the following information: Size of Cleaner for which motor is wanted; Voltage of your electric circuit; whether Direct or Alternating; Number of Phases and Cycles per second, if alternating current. You can get this information from your electric company.

Start a Profitable Business

Some of our customers have established a well-paying cleaning business in small towns with one of these machines. It can be put on a small truck with the engine as illustrated and is then easily moved wherever wanted.



What One Customer Wrote

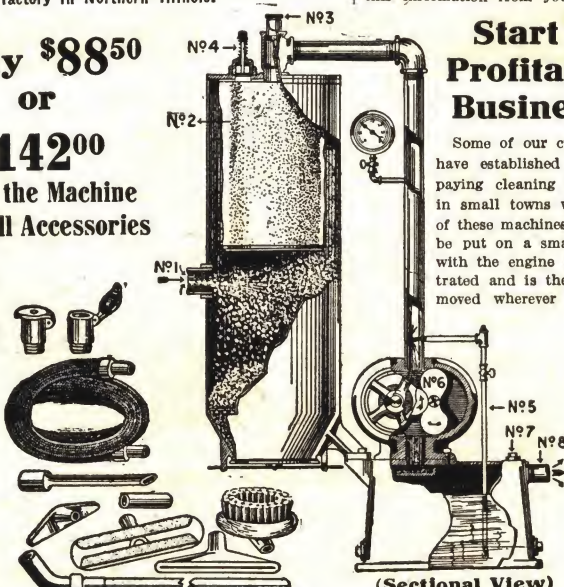
Gentlemen: Your "Size 1" Cleaner does the work all right and we are more than pleased with it. Every one who sees it thinks it is grand. My wife wouldn't be without it for twice the cost, as she can start the gasoline engine and sweep any time. It is surprising how much dirt it will get out of a house the first time.

Yours very truly,
Name and address on request.

Send for Special 14-Page Booklet describing our Victor Vacuum Cleaning Machines. Booklet is sent post-paid on request.

The Way It is Done

The above picture shows the way most people install their Victor Cleaner. Simple, inexpensive, and out of the way. Requires regular 1 1/2 inch pipe and 1 1/2 inch, 90 degree drainage type Tee Y's as elbows or tees. These fittings maintain a desirable uniform diameter throughout the vacuum system. If desired the vacuum pipe may simply be run through the first floor and a flush floor inlet attached to the end of the pipe. This simple installation is especially adapted to one-story houses. In higher houses it would of course take an exceptionally long hose to reach rooms on the upper floors, and it is by far the better plan to install the pipe as illustrated.



Less Expensive Than Stone or Brick

Concrete is an artificial stone made by mixing Portland cement with sand and gravel. Some modern engineers say that the Pyramids and Sphinx of Egypt, the Chinese Wall, and many of the great buildings of ancient Rome, were made of concrete. This shows that concrete is sometimes more durable even than natural stone.



Best Protection Against Fire and Weather

Concrete structures are Fire Proof, Frost Proof, Wind Proof, Heat Proof, and Vermin Proof. They are Cool in summer, Warm in winter, and inexpensive. Buildings of concrete are practically permanent. With concrete buildings, serious damage from fire is practically impossible.

The ease with which concrete may be mixed and made into all sorts of structures, has made it the most popular building material of the age. A great many modern structures are of concrete blocks, or concrete reinforced with steel.

No special training is necessary to become a successful builder of concrete structures. Anyone, by following a few simple directions, can make blocks, bricks, or pour cement into forms for foundations, sidewalks, floors, etc.

For Milk Houses, Barns, Silos, Feeding Floors, Water Troughs, Sidewalks, Cellars, Fence Posts, etc., it is unsurpassed.

Portland Cement is made by burning lime and clay. After being burned, these are ground fine and packed in sacks or wooden barrels. The finer the cement is ground, the stronger the concrete will be. A sack of cement weighs 95 pounds. Four such sacks make a barrel. The cost is usually about \$2.50 per barrel. Portland Cement should be kept in a dry place. If it becomes wet it will be useless. Do not keep cement on the bare ground or piled against the outside walls of buildings where it may get damp.

Sand. Coarse, clean sand, with sharp edges is best. Where it is impossible to get coarse sand, fine sand may be used, but it will be necessary to add more Portland cement to the mixture. The sand must be **Clean**. Take a little in the hands and rub it between the palms. If dirt is present, it will show. Dirty sand may be washed by pouring water over it.

Crushed Stone or Gravel should also be clean. When found mixed with dirt or clay, it should be washed in the same manner as sand. Coarse gravel or crushed stone $\frac{1}{2}$ to $2\frac{1}{2}$ inches in diameter is best for thick work, such as foundations, sidewalks, etc. For thin walls and other fine work, use gravel and stone $\frac{1}{4}$ to 1 inch in diameter. Sand must be so mixed with gravel or crushed stone that a compact mass, with few air spaces, is formed. The use of stone or gravel makes it possible to use less sand and less Portland cement.

Water for mixing concrete should be clean and free from alkali. Make a test block of concrete to see if it will set properly. If there is alkali in the water, the block will have a sort

of scum on the outside. The use of a water-proofing compound will overcome the effect of the alkali.

For blocks, bricks, tile and other articles made in forms, the mixture should be wet enough to show moisture on the surface when squeezed in the hand. About 23 gallons to the cubic yard is a good proportion for foundations and other heavy work. A rather wet mixture makes the best concrete, but it must not be so wet as to wash away the Portland cement, as this will make the concrete weak.

The Amount of Portland Cement to be used in any mixture may be determined by filling a pail or bucket with sand and gravel, mixed in the proper proportions, and then pouring in water until it runs over the top. The amount of water that you are able to pour in represents the amount of Portland cement necessary to properly set the concrete. For instance, if your bucket holds 16 quarts of sand and gravel, and you are able to pour in 2 quarts of water, the proper proportion of Portland cement is 2 quarts for every 16 quarts of sand and gravel.

Do not allow the mixed materials to stand more than half an hour after Portland cement has been added. If you do, the batch will spoil and be useless. Spread the concrete in forms or molds immediately after mixing.

To get best results, the sand, Portland cement and gravel or crushed stone should be carefully measured and thoroughly mixed. Mixing can be done by hand, but better concrete is obtained when mixing is done by machines built for the purpose. The machines do the work more thoroughly and more quickly. The mixing machines shown on the following pages have been used for many years by contractors who have made a business of concrete construction, as well as by farmers and town property owners. They are simple to operate. Anyone can use them. Not only better work, but from **two to five times more** can be done with these machines than is possible by hand. Simple, easily followed directions are sent with each machine. Additional information regarding the use of the machines, proper mixtures for different purposes, etc., will be cheerfully given at all times when requested. Books on concrete construction may be found in our Book Department.

Climax Fence Post Mold



Concrete Fence Posts will not burn, rot, or wear out. They are practically indestructible.

The Climax Fence Post Mold is a convenient, durable, and satisfactory machine for quick work. Posts are made with corrugations, which not only make them look nicer, but also make it possible to attach any kind of wire fence to them.

The frame of the mold is made of cold rolled Bessemer steel; end gates of clear gray iron. Corrugated sheets are of special process steel to which concrete does not stick as it does to ordinary iron. The improved automatic locking and unlocking device permits one man to operate the mold satisfactorily.

Mold complete, instructions for operating, and one double end tamper, at prices named below.

288X4080—No. 2 Field Fence Mold. For posts, length, 7 feet; width, 3 $\frac{1}{2}$ inches; thickness at bottom, 5 $\frac{1}{2}$ inches; thickness at top, 3 $\frac{1}{2}$ inches; corrugated, 4 $\frac{1}{2}$ feet. Shipping weight, 60 pounds. Price\$6.20

288X4082—No. 3 Extra Large Field Fence Mold. For posts, length, 7 feet; width, 4 $\frac{1}{2}$ inches; thickness at bottom, 6 $\frac{1}{2}$ inches; thickness at top, 4 $\frac{1}{2}$ inches; corrugated, 4 $\frac{1}{2}$ feet. Shipping weight, 70 pounds. Price.....\$7.65

Shipped from Factory in Southern Wisconsin.



Wire Reinforcements

Climax Wire Reinforcements. No. 9 Gauge Iron. Cut in lengths suitable for posts on Climax or Adjustable Post Machines. One length only, 5 $\frac{1}{2}$ feet. Put up in bundles of fifty reinforcements to each bundle. Four reinforcements required for each post; one near each corner, as shown in small illustration.

288X4084—Per bundle of 50. Weight, 19 $\frac{1}{2}$ pounds..\$1.09

Climax Adjustable Fence Post Mold



Sides made of cold drawn steel, thickness $\frac{1}{4}$ inch. These side pieces are reinforced by a 1 $\frac{1}{4}$ inch angle running the entire length. The two sides are riveted to end castings, of semi-cast steel, one end casting serving as the handle and the other as a hinge and part of the truck. The truck is so arranged that you can handle it exactly as you would an ordinary wheelbarrow. All parts are closely fitted. A clamp is provided for additional support in the center when using a hand tamper. Mold can be adjusted from 3 $\frac{1}{4}$ to 4 $\frac{1}{4}$ inches at the top to a width of 5 $\frac{1}{2}$ to 7 inches at the bottom. Thickness is the same for all size posts, namely, 4 inches. Length can be adjusted from 5 feet 6 inches to 7 feet 9 inches. A special wooden block is used at the truck end of mold for shaping top of post. An oval pattern is sent with the machine. Easily operated by one man. The mold is regularly furnished for making smooth posts. If corrugated posts are desired, a special corrugated strip may be inserted on the side of the mold. One strip only is necessary. A staple-forming tool for making wire staples, which are placed in the mold, may be also provided at extra cost. We recommend the use of staples for the smooth post.

288X4087—Adjustable fence mold, complete, as illustrated. Shipping weight, 137 pounds....\$7.80

288X4088—Staple-Forming Tool. Shipping weight, 15 pounds..55c

288X4089—Corrugated Strip. Shipping weight, 25 pounds.....66c

Shipped from Factory in Southern Wisconsin.



CLIMAX DRUM BATCH MIXER

Base Frame—The frame for the Climax Drum Batch Mixer is made of angle iron, thickness, $\frac{3}{8}$ -inch, height of vertical leg, 4 inches, width of horizontal leg, 3 inches. The end pieces are of the same size. There is a heavy, semi-steel corner bracket at each of the four corners and two extra brackets at the cross section of the frame on which the engine is mounted. In addition there are cross braces, also riveted to the side sections.

Axles are of 1 11/16-inch machined steel. Rear truck axles are clamped to heavy, semi-steel supports riveted to side sections. Diameter of rear wheels, 24 inches, grooved rim, thickness, $\frac{3}{8}$ -inch, 3 1/2-inch face. Thickness of spokes, $\frac{7}{8}$ -inch, staggered. Sand caps are provided. Diameter of front truck wheels, 18 inches, same construction as rear wheels. Yoke is of $\frac{1}{2}$ x4-inch steel, riveted to frame. Front wheels can turn under frame in complete circle. Machine can thus be turned in its own length. A team pole is furnished with outfit. Hand pole can be furnished if desired. Length of truck, over all, 9 feet 4 inches; width, 49 inches.

Main Drive Shaft—The drive shaft axle is of cold rolled steel, diameter, 1 11/16 inches. The large gear connects direct with the engine and is strongly constructed. The main drive shaft turns in babbitted boxes, width, 3 1/2 inches. These boxes are riveted to the frame. They cannot shake loose.

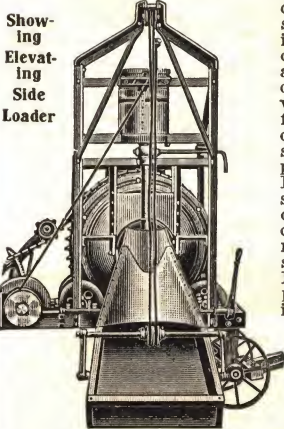
Drum Construction—Diameter, 36 inches. Width over all, 32 inches. The shell of drum is one-piece, ten gauge, twenty-five point carbon steel plate, riveted together at the ends. Charging end casting is convex or dished out and has opening 14 inches in diameter, provided with non-slop rims. In addition it has a drip flange so that water will not run down to roller bearings. The track bearing is cast in one piece with drum end. This bearing has a face 2 inches wide and is chilled, giving it a surface which will wear longer than steel. The dished out shape of the charging end brings the opening to the outside of the truck frame and increases the capacity of the drum. The shell of the drum is placed in grooves in drum end castings and held securely in place by means of six



Drum Construction Inside View

$\frac{1}{2}$ -inch rods running the entire width of the drum. Drum is made absolutely water tight.

The discharge end casting is made slightly concave (dished in). The dished in end throws the material back into the middle of the drum. Every bit of the concrete can be dumped out. Has drip flange, and non-slop rim. Diameter of discharge opening, 12 inches. The sprocket for turning the drum is cast in one piece with the discharge end casting. Teeth of sprocket are large and will last as long as any other part of the machine. Being of one piece with the end casting, there is no chance for sprocket to get out of line. The discharge is of the pivoted spoon or scoop type, which is used on about 90 per cent of the mixers manufactured. By means of a lever this discharge scoop is swung inside of the discharge opening of drum when dumping concrete, and away from the opening when mixing. Concrete is dropped into the scoop by the buckets inside the drum. Mixing is done by three sheet steel paddles and six sheet steel buckets inside the drum. The paddles break up and carry the material to the buckets, which carry the material up until the bucket is in a vertical position when the material is dropped back on the paddles. **Material is thoroughly mixed in five or six revolutions of the drum.** This machine mixes 5 cubic feet of concrete at a



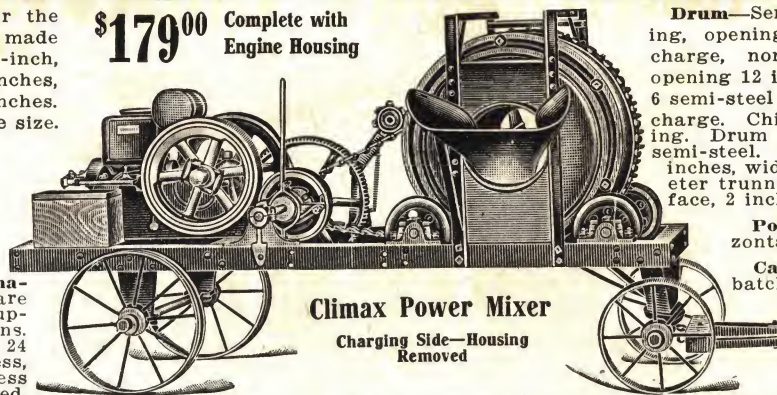
time and has a capacity of from 40 to 60 cubic yards per ten hour day.

Elevating Side Loader—Substantially built. Hopper is of 10 gauge steel bottom and 12 gauge steel sides. Reinforced on all edges with angles 3/16x1 1/2x1 1/2 inches. Sides, bottom and ends are all riveted together. Set close to the ground so that wheelbarrow loads can be dumped directly into it. Hopper holds 5 cubic feet, the capacity of the drum. Hopper has swinging bail on which are deep grooved sheaves. Cable is run through sheaves on bail and top of hoist frame connected to engine. Operation of lever raises and lowers hopper. Steel cable, diameter $\frac{3}{8}$ -inch. **Hoist frame**, built of angle iron, thickness $\frac{1}{4}$ to $\frac{3}{8}$ -inch, width, 1 1/4 to 2 inches. Frame is riveted at points not requiring removal. **Water tank**, 15-gallon capacity, 20-gauge galvanized iron, reinforced with steel bands at top. Provided with automatic shut-off, 1 1/2-inch lead pipe through three-way valve.

A side loader usually adds from 25 to 40 per cent to the capacity of the mixer in saving of time. It will generally save from \$3 to \$5 per day and soon pay for itself.

Mixer equipped with Elevating Side Loader will handle from 65 to 85 cubic yards of material per day of 10 hours.

\$179⁰⁰ Complete with Engine Housing



Climax Power Mixer

Charging Side—Housing Removed

Drum—Semi-globe type. Globe charging, opening 14 inches. Concave discharge, non-slop rings, drip flanges, opening 12 inches. 3 sheet steel paddles. 6 semi-steel buckets. Pivoted Scoop discharge. Chilled, 2-inch face track bearing. Drum shell, 10-gauge. Drum ends, semi-steel. Size of drum, diameter, 36 inches, width over all, 32 inches. Diameter trunnion rollers, 10 inches, chilled face, 2 inches.

Power—2 1/2 Horsepower Horizontal Gasoline Engine.

Capacity—5 cubic feet per batch. 40 to 60 cubic yards per day of 10 hours.

Drum Bed—Diameter of trunnion rollers, 10 inches, with face width, 2 inches. Four rollers, 2 on each shaft, securely fastened.

Shafts are 1 11/16-inch cold rolled steel and revolve in babbitted boxes 3 1/2 inches wide. Trunnion rollers are made with chilled faces, giving a wearing surface which is more durable than steel.

Chain Drive—A chain drive is used because it is simplest and best. With chain drive there is practically no friction and the cost of repairs is reduced to the minimum. No. 78 Standard Link Chain is used. Slack is taken up by an idler.

Housing—Built of 16-gauge steel, reinforced to prevent noise from vibration and to give it more strength. Has side and end doors, giving easy access to engine. Housing covers the gearing and engine completely, complying with all laws of safety.

Silo Hoist Attachment—As country work commands the attention of contractors, an inexpensive hoisting attachment has been provided, which can be used on barns, silos, or bridge work. This hoist consists of a lifting and brake clutch, operated by double cone with a single lever. This attachment is geared direct to main drive shaft. Gearing and clutches are strong and well made. Diameter of cable drum, 6 inches, length, 8 inches, flange, 2 inches. Hoist may be operated from front end of machine, if desired, and will lift 600 pounds 80 feet per minute, or 250 pounds 160 feet per minute.

using a 2 1/2 horsepower engine. No cable furnished with outfit.

Drum Clutch—The power of a gasoline engine is best transmitted by means of a clutch or intermediate shaft. The steel friction clutch furnished with these outfits is simple and powerful. Keyed to the main drive shaft is a drum, on the inside of which is a friction band. Ring is expanded by sliding cone under dogs. When the dogs are forced apart, they expand the ring. Ring is provided with automobile friction lining and is not affected by heat, sand or grit. Drive sprocket is fastened to friction drum.

Power Plant—The mixer is provided with a horizontal, hopper-cooled engine. It is rated at 2 1/2 horsepower, but will develop, under usual Prony brake test, from 3 to 3 1/2 horsepower. It is a high-grade, dependable engine of simple construction.

Engine guaranteed for five years against defects in material or workmanship, and to develop its rated horsepower.

Attachments can be furnished for this Mixer at any time. Holes are already drilled in frame for attaching Silo Hoist, Elevating Hopper or Gate Batch Hopper. All of these extras can be attached with ease.

288X4000—Climax Drum Batch Mixer mounted on trucks complete with 2 1/2 horse power hopper cooled engine, steel housing, wheel barrow hopper, team pole. Shipping weight, 2,300 pounds. Price.....\$179.00

288X4002—Climax Drum Batch Mixer without engine or housing, but complete with trucks and friction clutch pulley to use any gasoline engine over 2 1/2 horse power. Shipping weight, 1,750 pounds. Price.....\$117.50

288X4004—Elevating Side Loader, including hopper frame, hoist, 15-gallon automatic water tank and necessary cable. Shipping weight, 600 pounds. Price.....\$101.20

288X4006—Silo Hoist Attachment, consisting of single drum geared hoist, less cable. Shipping weight, 150 pounds. Price.....\$44.45

Shipped from Factory in Southern Wisconsin.

\$88⁴⁵



Climax Hand Drum Batch Mixer

The same size drum, of practically the same drum construction and otherwise similar to the Power Mixer except it is fitted with TWO cranks, to operate by hand instead of by power. Turning the drum is hard, but the result in mixing is extremely satisfactory. There is no other style of mixer equal to the drum for thoroughly mixing and readily dumping the material.

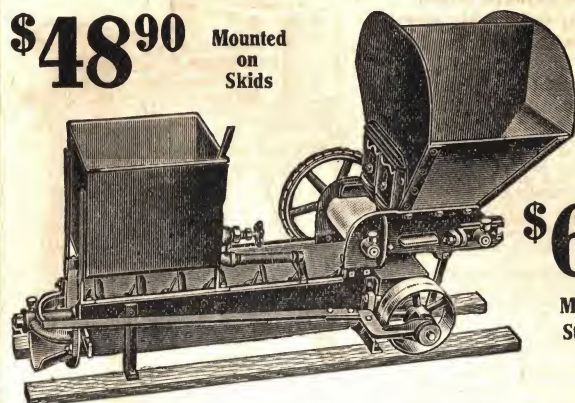
288X4008—Climax Drum Mixer mounted on four wheel truck with two cranks for two-man drive; hand pole, and wheel barrow hopper. Shipping weight, 1,200 pounds. Price, complete.....\$88.45

Shipped from Factory in Southern Wisconsin.

Climax Continuous Concrete Mixer

\$48⁹⁰

Mounted
on
Skids



\$61⁷⁵

Mounted on
Steel Truck

Automatic Feed. Steel Mixing Blades. Especially Adapted for Blocks, Sidewalks and Foundation Work

The material can be wet evenly, as desired, by a perforated distributing pipe. Regularly furnished with 12-inch diameter driving pulley, width of face 3 inches. Speed, about 250 revolutions of pulley per minute. Two horse power required. Smaller size pulleys can be fitted without extra cost, if so specified in order.

288X4070—Climax Continuous Mixer, mounted on skids only, as shown. Shipping weight, 300 pounds. Price.....**\$48.90**

288X4072—Climax Continuous Mixer, mounted on steel truck. Truck has 16-inch front and rear wheels with oval tires and heavy 4-inch channel steel frame; length, 8 feet. With 1½-inch steel axles, length, 36 inches. Shipping weight, 460 pounds. Price.**\$61.75**

Shipped from factory in Central Iowa.

This continuous mixer was designed especially for the farmer and small contractor. It has, in many instances, paid for itself in 30 days, due to the saving in time and labor expense as compared to shovel mixing. Built especially for block, sidewalk and foundation work. Do you realize that by using hand labor you may be really paying for several mixers in a season without anything to show for it? Figure out for yourself how much per day and per season it will save you—how much profit it will make for you, as compared to hand mixing of 15 to 20 cubic yards of concrete a day.

Big enough to mix 15 cubic yards of material a day, strong enough to withstand hard usage, and light enough to be easily moved about, to follow up the work, therefore saving time and expense. Mixes concrete perfectly. Will also successfully mix mortar.

The body of the mixing chamber is heavy sheet steel. Gears carried in a heavy cast casing, which has long, sand-proof bearings. Sheet steel hopper is divided into two compartments, one for cement and one for sand or gravel. Each compartment has separate feed so that any proportion desired can be obtained by adjusting feed slides. Top of hopper is only 2 feet from ground when on skids, and 38 inches when on truck. When moved in sidewalk forms, it discharges directly into place and is easily moved along as the work progresses.

No wheeling of mixture required.

A continuous belt carries the material from the hopper, and feeds it in a steady stream. The feed belt automatically starts and stops, as the mixture is supplied. A lever works the clutch and belt pulley, so that the mixture can be stopped at any time, independent of the power. Lever that works the clutch on the belt pulley runs back to the rear end of the machine so it is handy to get at. You can start or stop the mixing at any time, independent of the power. It is also convenient if you desire to use wheelbarrows to cart away the mixed materials. Simply throw the clutch out and this stops material from coming until you get another wheelbarrow. Mixing blades are steel. In all, 28 blades split the material like a hoe. 21 blades move it forward, while 7 blades reverse the material so that the 21 forwarding blades handle it a second time. In this way practically double mixing is obtained. Thickness, ¾ inch; width, 3½ inches; length, 9½ inches. A water tank with lever shut off valve is furnished.



Mixing Blades

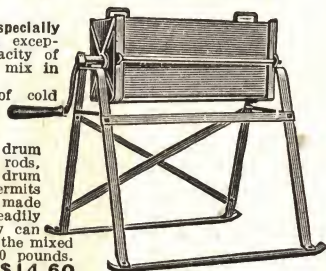
Monarch Hand Concrete Mixer

A satisfactory, low-priced batch mixer. Especially designed for farm use. The Monarch is an exceptionally serviceable little mixer, with a capacity of 3 cubic feet to the batch. Will thoroughly mix in 8 to 10 revolutions.

The drum is 14x14x30 inches, made of cold rolled sheet steel, is square in shape, so that the material is carried well up to the top and falls to the opposite side four times during each revolution. No obstruction inside of drum so that it is easily cleaned. Three strong rods, running on outside the entire length holds the drum perfectly secure. Cover is a slide that permits dumping entire length of drum. Frame is made of steel and on runners so that the mixer can readily be moved from place to place. Wheelbarrow can run under drum, at end or one side, to receive the mixed material when dumped. Shipping weight, 160 pounds.

288X4012—Price.....**\$14.60**

Shipped from factory in Central Iowa.



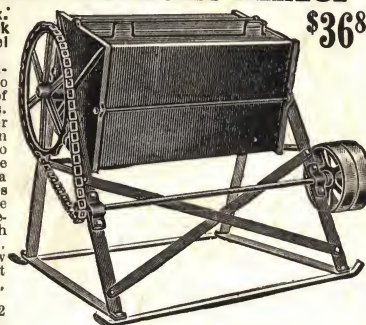
Monarch Power Cement Mixer

Suitable for moderately large work. Capacity of drum, 9 cubic feet. Back geared. Tight and loose pulley. Steel frame.

Our Monarch Power Mixer is constructed entirely of iron and steel, and will do as good work as most other mixers of equal size that sell at double our prices. We recommend the purchase of a power mixer, where power is available, even though the work is very limited. One to two horse power will readily operate our Monarch. Will thoroughly mix a batch in 10 to 12 revolutions. Mixes 6 to 7 cubic feet per batch. The square shape of drum insures the material being carried well to the top. Full length slide opening for dumping. Steel frame, with space underneath for wheelbarrow to receive the dumped material. Sprocket wheel and link belt chain drive. Drum, 21x21x36 inches.

Tight and loose pulleys, diameter, 12 inches, with 3 inch face. Shipping weight, 400 pounds.

288X4035—Power Mixer. Price.....**\$36.85**
Shipped from factory in Central Iowa.



\$36⁸⁵

Climax Hand Batch Mixer



Will mix perfectly to any consistency, from dry or semi-dry, from molded products to slush mixture for sidewalks or foundations. Easy to operate. Built for hard work of steel and cast iron. Easily cleaned. Power attachment, easy to attach, furnished at extra cost.

Construction—Mixing drum is triangular with rounded corners. Both drum ends are cast semi-shell with 1½ inch cold rolled steel stub shaft. Shell of drum is 14 gauge Sheet Steel and is held to the ends by four rods from end to end. Frame is angle steel, strongly cross-braced and riveted. Door is triple hinged with double end-lock, worked by link and single lever. Door opening, 9½x24 inches. Inside length of drum, 27 inches. Width over all, 39 inches. Height over all, 51 inches. Drum ends are cast iron, with mixture deflectors which throw the mixture to center of wheelbarrow when placed directly under mixer, thus avoiding loss or slopping when dumping. Back geared, 4 to 1, allows

easy turning. Painted with black, waterproof paint.

Capacity—3 cubic feet. Mixes a batch in 7 to 10 revolutions of the drum in 8 minutes.

Power Attachment consists of a shaft with two bearings which bolt to frame of mixers as shown in small picture. Has tight and loose pulleys, each 8x2 inches, with special sprockets using No. 62 link belt chain. Power attachment can be ordered at any time, and is easily attached. Wheelbarrow shown in illustration not furnished.

288X4110—Hand Batch Concrete Mixer. Shipping weight, 245 pounds. Price.....**\$18.95**

288X4111—Power Attachment. Shipping weight, 70 pounds. Price.....**7.15**

Shipped from factory in Southern Wisconsin.



Mixer with Power
Attachment.

Climax Power Batch Mixer

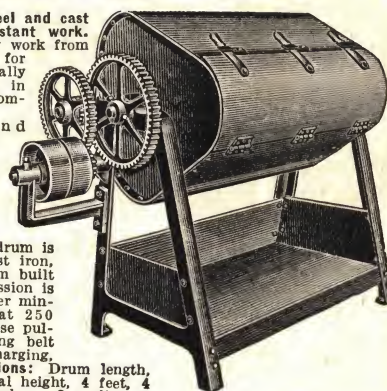
Capacity, 5 cubic feet. Built of steel and cast iron. All parts heavy to stand constant work. Mixes wet, semi-wet or dry. For any work from molded products to slush mixture for sidewalks or foundations. Will usually pay for itself in less than 3 months, in the saving of cement and labor as compared to shovel mixing.

Construction. Similar to the Hand Batch mixer, but stronger, and built much heavier and larger. The cast ends and shell of drum are held together by four heavy, inside steel rods, which are 2 inches from the sides of the drum, which strengthen the drum and also break up the sliding mixture as the drum turns. The rods are the only inside parts so the drum is practically selfcleaning. Frame is cast iron, well braced, with steel hopper platform built into the base. Double geared transmission is geared to revolve the drum 18 times per minute when the drive pulley is driven at 250 revolutions per minute. Tight and loose pulleys, each 12x3 inches, permit shifting belt without stopping the engine. Dimensions: Drum length, 30 inches. Diameter, 23 inches. Total height, 4 feet, 4 inches. Length over all, 4 feet, 8 inches. Capacity: 5 cubic feet of loose material. One man operating the mixer can supply several block machines. Drum can be loaded from either side. Mixes a batch thoroughly in one minute. Water tank supplies water to drum through a perforated pipe. Correct amount per batch controlled by a globe valve.

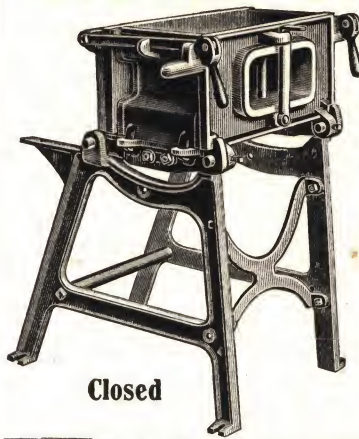
288X4113—Power Batch Concrete Mixer. Shipping weight, 590 pounds.

Price.....**\$48.95**

Shipped from factory in Southern Wisconsin.



WESTERN BLOCK MACHINES



Closed

Made in 2 sizes for Building Blocks, 8x8x16 and 8x10x16 inches
Solid, substantially built
Durable and practical

Easily and quickly operated
Single or double hand core

The Western Block Machine is a leader and is designed to fill a long-felt want in a face-down machine. It is easily and quickly operated, solid and substantial; in fact, is a high grade, durable and practical block machine.

Face down. It is of the face down type; that is, a machine which permits of using waterproofing, facing or richer concrete for the facing and coarser material for the rest of the block.

Size. The Western Block Machine will make the popular size, 16-inch blocks. The blocks are light enough so that one man can lay them without any assistance and lay up a wall in such nice shape that no special corner blocks are necessary, the regular block with a fancy or rock end making an attractive, harmonious corner.

Construction. The Western, while sold at a remarkably low price, is not flimsy in construction. The machine is made entirely of high grade gray iron castings. The stand consists of two legs which are bolted together by means of a diagonal brace at the front of the machine and rod at the back.

Outfit. The outfit which we furnish with each machine is very generous and permits of making practically every kind of a block required for any building, including gable and joist blocks which heretofore have been made by cutting out the blocks by a chisel. The regular outfit shipped with each machine consists of:

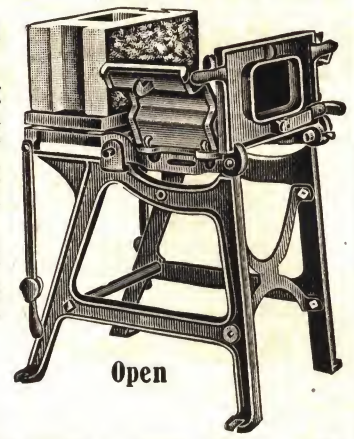
- 1 Rock Face Plate for whole blocks.
- 1 Rock Face Plate for 1/2 and two 1/4 blocks.
- 1 Interchangeable Rock End Plate.
- 1 Pair Core End Plates.
- 1 Pair Dividing Plates for fractional blocks.
- 1 Steel Striker.
- 1 Pair Joist Block Plates.

- 1 Double End Tamper.
- 1 Sample Wood Pallet.
- 1 Gable Block Dividing Plate.
- Core plugs for making whole blocks.

A complete, and easy-to-understand instruction book furnished with each machine.

288X4133—Iron Pallets, 8x 8x16 inches. Weight, 3 pounds. Price.....**42c**
288X4134—Iron Pallets, 8x10x16 inches. Weight, 3 1/2 pounds. Price.....**44c**

We can furnish all the popular designs for Face Plates and End Plates. When ordering be sure to state the design wanted. Face Plates, shipping weight, 18 pounds. End Plates, shipping weight, 10, pounds.

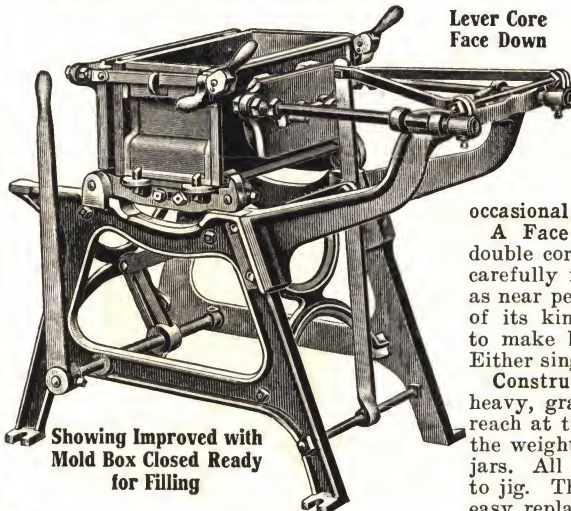


Open

Article Number	Price Single Core	Size Blocks Inches	Shipping Weight Pounds	Price Double Core	Price Extra Face Plate	Price Extra End Plate
288X4131	\$12.85	8x 8x16	175	\$13.10	\$1.40	68c
288X4132	17.05	8x10x16	200	17.35	1.45	72c

Shipped from Factory in Wisconsin

IMPROVED WESTERN BLOCK MACHINE



Lever Core
Face Down

Showing Improved with
Mold Box Closed Ready
for Filling

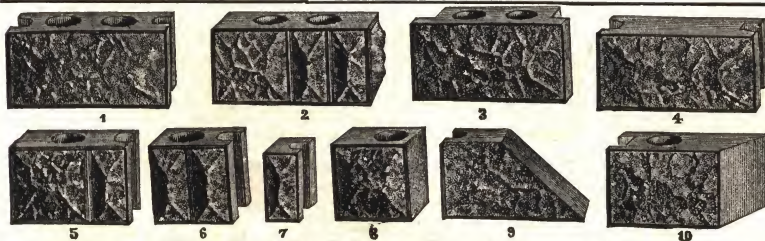
Made in two sizes for making the popular size Building Blocks, 8x8x16 and 8x10x16 inches. Extra Strong, Big Capacity, Easy Operation. For economy, quick work, durability, big capacity, and extra nice, uniform blocks, we offer our Improved Western as one of the leading machines. Its great strength especially adapts it to the requirements of the contractor for continuous work. Its low price places it in reach of the farmer or other user who has only occasional work to do.

A Face Down Machine, with single or double cores, operated by lever. Each part carefully made, shaped and fitted to make as near perfect blocks as any other machine of its kind. Can be furnished in 2 sizes, to make blocks 8x8x16 or 8x10x16 inches. Either single or double core.

Construction. The frame is made of heavy, gray iron castings with extra long reach at the base so as to evenly distribute the weight. It is built strong to withstand jars. All parts are closely fitted and drilled to jig. This assures you of uniformity and easy replacement and avoids any tinkering

or loss of time when making blocks. Every casting is fitted to exact size, and when placed in mold and locked, trues up automatically. The face plate sent with the regular equipment is of a deep cut design. All castings are of smooth finish, and are correctly proportioned as to strength and durability.

Capacity. The capacity of any machine depends to a large extent on the operator. The Improved Western is so arranged that, with ordinary ability and speed, from two to three hundred blocks can be made per day.



Block Making Equipment

With our Improved Western Block Machine we regularly furnish face plates, dividing plates, doors, etc., to make all of the different styles and designs of blocks shown above. Note that all of these blocks are the rock face pattern. The regular outfit with the Improved is for rock faces only. However, if outfit is wanted to make plain face blocks, plain face plates and other attachments can be furnished in place of the others to make the blocks, as shown above, except having plain faces. Panel face attachments can also be furnished in place of the rock face pattern, if so specified on order.

Be sure to indicate in your order the design of blocks you want to make, if the rock face equipment shown above is not what you desire. No. 1, Full Rock Face Plate; No. 2, Broken Ashlar; No. 3, Joist Attachment; No. 4, Solid Block; No. 5, Three-quarter Block; No. 6, One-half Block; No. 7, One-quarter Block; No. 8, One-half Block; No. 9, Gable; No. 10, Angle Bay Window.



Improved
with Cores
Drawn and
Block Being
Turned
on Pallet

Outfit—We furnish with each machine the following outfit:

- 1 Rock Face Plate for Whole Blocks.
- 1 Rock Face Plate for 1/2 and 1/4 Size Blocks.
- 1 Interchangeable Rock End Door.
- 1 Pair Core End Plates.
- 1 Pair Dividing Plates for Fractional Size Blocks.
- 1 Pair Joist Block Plates.
- 1 Steel Striker.
- 1 Double End Tamper.
- 1 Sample Wood Pallet.
- 1 Gable Block Dividing Plate.

Plugs for making Whole Blocks.
A valuable book of instructions and general information furnished with each machine.

Article Number	Prices Single Core	Size Blocks Inches	Shipping Weight Pounds	Prices Double Core
288X4136	\$30.25	8x 8x16	270	\$30.55
288X4137	32.90	8x10x16	290	33.30

EXTRAS State size wanted

Article Number	Description	Shipping Weight Pounds	Size 8x8x16 Inches	Size 8x10x16 Inches
288X4138	4-Inch Course Block attachments.	65	\$6.35	\$6.90
288X4139	4-Inch Course Division Plates...	9	.72	.72
288X4140	Angle Bay Window attachment...	66	3.60	4.15
288X4141	Circle Bay Window attachment...	40	3.20	3.30
288X4142	Extra Face Plates (Rock panel or plain face)	18	1.40	1.45
288X4143	Extra end Door (Rock panel or plain face)	10	.68	.72
288X4144	Cast Iron Pallets	3	.42	.44

Shipped from factory in Wisconsin.

PERFECT CEMENT BLOCK MACHINES

Rapid, Labor Saving and Durable

The Perfect Block Machine is recognized among cement men as one of the leading Block Machines on the market today, being especially noted for its accuracy, simplicity and durability. Built of cast iron and steel. One man can mix his own material and can generally make two hundred and fifty blocks in a day of ten hours. Three hundred blocks have been made in the same period of time on test. We know of no other machine that can compete with it for fast work with the same equipment. In offering it at less than one-half the regular retail price, we believe there is no other Block Machine on the market that represents as good value for the price we ask.

Movable Hopper

The movable hopper is one of the valuable features of our Perfect Block Machine. It assists in getting out about double the number of blocks that can be made on most other machines which sell at even higher prices. The hopper makes it easy to shovel into, carries a surplus for beginning the next block, and retains the material over and above what is necessary to make a block. It acts as a stripper when it is moved back from the mold, holds extra material and deposits in the mold when it is ready for the next block. There is very little shoveling up the overflow of the material that runs over and scatters, as on machines with hopper, as with the handling of our PERFECT, practically none of the material goes on the

floor after it is shoveled into the machine. The foot lever, convenient to the operator, readily moves the hopper forward or backward, as desired. The handy lever operates the cores. In addition, the stripper or finisher on front part of hopper is another big saving of time, as it finishes the block as well as average troweling.

The Manufacture of Blocks as a Business

There are millions of barrels of Cement made every year and a large portion is used in manufacturing blocks. You can add to your profits by equipping yourself with an efficient machine which will turn out an attractive block, and the extra blocks could doubtless be very quickly sold to your neighbors. Figuring on a basis of 250 blocks a day and selling them as low as 10c, you would have a net profit of about \$10.00 per day on three men's work; this allows for three laborers at \$2.00 per day.

250 Blocks Per Day of Ten Hours

If you can do nearly double the work or make about twice as many blocks in a given time with our PERFECT over other machines, is it not economy to buy the PERFECT, even though you already possess one of the other machines?



No. A—Plain blocks, showing one end cored and one end plain.



No. B—Rock face design, showing both ends cored for regular line work.



No. C—Panel face block. One end cored and one paneled. For corners or bay windows.

Equipment

The regular outfit includes end plates to make plain ends or cored ends, as desired.

With each outfit, in addition to the plates, are furnished two core closers—one dividing plate—one double hand tamper—one sample pallet.

Mold boxes made in one size (8x8x16) blocks only, with usual allowance for mortar.

OUTFIT NO. 1

288X4151—Outfit No. 1 includes complete outfit for making one style of blocks in whole, three-quarters, half and one-quarter blocks with doors for plain or cored ends. Choice of plain, rock face or panel face. Rock face shipped unless otherwise ordered. Shipping weight, 430 pounds. Price.....\$53.50

OUTFIT NO. 2

288X4152—Outfit No. 2 includes complete equipment for making two styles of face, in plain and rock, plain and panel or rock and panel. In whole, three-quarters, half and one-quarter blocks, with plain or cored ends. Shipping weight, 480 pounds. Price.....\$61.00

Shipped from factory, Northern Indiana

Face Down, Lever Cores, Movable Hopper

One Man Can Make 250 Blocks Per Day of Ten Hours, Mixing His Own Material.

The large capacity of our Block Machine is one of its great recommendations. The contractor can usually save in a week the cost of the machine in the large quantity of blocks that can be made with it in comparison with other similar machines. The farmer or other user who has occasion to use it only once in a while will also have great economy because he can make his blocks in about one-half the time it would take on most other machines. 125 blocks per day is the general average for small machines that have not the advantage of the adjustable hopper, the quick opening and closing devices of mold boxes, the handy and convenient levers for drawing cores and the carefully machined plates that are a safeguard against cracking the blocks.

Your Choice of Outfits

Illustration No. 3

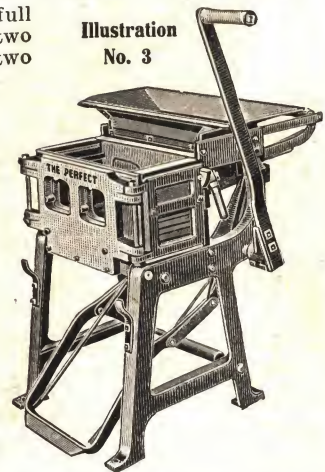


Illustration No. 3. Machine with mold box closed ready to draw hopper forward for easy filling.

The regular outfits consist of one full set of face plates, five in all, with two end doors to match the plates and two standard doors that are regularly furnished.

The regular outfit is designed to make one style of block only, either plain, rock face or panel.

When the regular outfit No. 1 is ordered, unless otherwise specified, we will furnish with the ROCK FACE equipment.

Outfit No. 2 includes two complete sets of plates and doors to make either plain and rock face, plain and panel face or rock and panel face blocks.

Outfit No. 3 includes three complete sets of plates and doors to make three designs, including plain face, rock face and panel face blocks.

Either outfit will make whole blocks, half blocks, quarter blocks and veneer blocks. Gable blocks can readily be made by sawing a short piece of board to set in one corner of the boxes, the length depending on the angle of the gable desired. Owing to the difference in the angles in gable blocks, we do not furnish any special plates for the blocks, as the wood partition needed to get the right angle of the blocks can be purchased from the average carpenter for about 25c.

REMEMBER, OUR PERFECT will, in comparison with any other Block Machine, prove its superiority in nearly double capacity, easy operation and durability. Compare the capacity with that of other similar machines.

OUTFIT NO. 3

288X4153—Outfit No. 3 includes complete equipment to make three styles of blocks, including plain, rock and panel in whole, three-quarters, half and one-quarter blocks. Shipping weight, 540 pounds. Price.....\$67.75

288X4154—Iron pallets, same as sample sent with machine. Shipping weight, 7 pounds. Price.....28c

EXTRAS FOR PERFECT BLOCK MACHINES

288X4155—Face plates for whole blocks, plain, rock or panel. Shipping weight, 14 pounds. Price.....\$1.60

288X4156—12-inch plates for three-quarter blocks, plain, rock or panel. Shipping weight, 11 pounds. Price.....\$1.40

288X4157—Plates for half blocks, 8-inch, plain, rock or panel. Shipping weight, 10 pounds. Price, each.....\$1.15

288X4158—Plates for one-quarter, 4-inch, plain, rock or panel. Shipping weight, 4½ pounds. Price, each.....90c

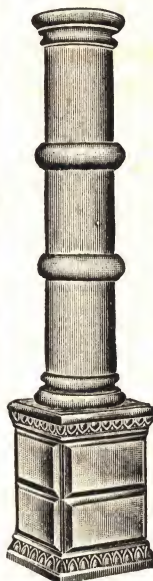
288X4159—End doors for plain, panel or rock face. Shipping weight, 8 pounds. Price, each.....\$1.55

288X4160—Bay window face plates, rock face only. Shipping weight, 20 pounds. Price, each.....\$4.10

288X4161—Steel dividing plates for Veneer blocks. Shipping weight, 7 pounds. Price, each.....\$2.05

Climax Porch Column and Pier Outfit

Concrete Porch Columns Add to the Value and Appearance of Any Home



The artistic effect which may be obtained by the use of concrete porch columns when used in connection with dwellings made either of concrete or wood, has created a demand for outfits for making columns of various designs. A simple but very artistic design is shown. The outfit for making this column is not very expensive. No more skill or experience is required than is necessary for making ordinary building blocks. The only requirements are—a better quality of concrete, a little more care in making, and proper molds. With the molds furnished, it is also possible to get other combinations than that illustrated.

Molds are made of the best grade of close grain Iron Castings; are closely fitted, and will turn out a first class product. Locking devices are simple and hold the mold securely. Locking devices are simple and hold the mold securely. Locking devices are simple and hold the mold securely. Locking devices are simple and hold the mold securely.

288X4094—Pier Cap Mold No. 1. Is 12 inches square at bottom; 14 inches square at top. Shipping weight, 30 pounds. Price.....\$4.70
288X4096—Column Base Mold, No. 2. For 10-inch column outside. Diameter, 14 inches. Shipping weight, 40 pounds. Price.....\$3.60
288X4098—Ring Mold, No. 3. For 10-inch column. Outside diameter, 12 inches. Shipping weight, 20 pounds. Price.....\$2.35
288X4100—Column Mold, No. 4. For 10-inch column. Height, 12 inches. Shipping weight, 45 pounds. Price.....\$4.20
288X4102—Square Pier Mold Rock, No. 5. Panel, or plain face (state which), to make blocks 14x14 inches for 10-inch column. Shipping weight, 60 pounds. Price.....\$4.75
288X4104—Complete Outfit, including all or above molds. Shipping weight, 200 pounds. Price.....\$19.00
Single Molds or Complete Outfits Shipped from Factory in Southern Wisconsin.



No. 1



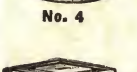
No. 2



No. 3



No. 4



No. 5

Western Sill and Cap Mold

Adjustable for making sills, caps, steps, lintels, water table blocks, coping, cornices, door caps, slab stone, pier blocks, paving blocks, curb blocks, plain and fancy dimension stone

Mold is made of semi-steel castings and is so arranged that special designs of face plates can be used at small extra cost. Because of its adaptability, construction and reasonable price, this mold is very popular and much in demand.

The Western Adjustable Sill and Cap Mold is built entirely of semi-steel castings

of fine grade, making possible a smooth finished job. The ends are hinged to the back plate by means of hinged lugs through which a bolt is placed. The end and back plate are drilled to jig, insuring uniformity and easy replacement. The front plate is secured to the two ends by means of a threaded hook held securely to the end plate by means of a thumb nut. This arrangement makes it very simple and quick to release. The mold is equipped with a sliding division plate, which division plate is supported on two rods running through two holes in end plate. By using this division plate the length of blocks can be varied from three to five feet. This mold is made only in one standard length of 5 feet, and is adjustable to widths of 10, 12 or 14 inches. The machine makes blocks 7 1/2 inches high, providing 1/4 inch for mortar joints. However, by putting in a wood filler, any thickness of blocks and blocks of practically any shape can be made. The various attachments are simple and easily operated.

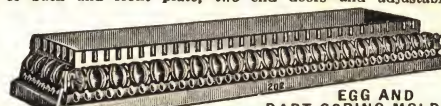
The regular outfit consists of back and front plate, two end doors and adjustable division plate, two rods and collars, two locking hooks for front plate and double end tamper.

Egg and Dart Coping Attachment. This is a popular design and the mold is easily and quickly adjusted. Simply unbolt the end plates from the regular mold and attach the coping block to the back plate. The finished blocks are 10 inches wide at bottom and 14 inches wide at top, making a 4-inch projection. This makes blocks up to the extreme length of five feet. The outfit consists of front plate, two return ends, right and left division plates.

288X4185—Adjustable Cap and Sill Mold. Shipping weight, 170 pounds. Price.....\$11.30

288X4186—Egg and Dart Coping Attachment. Shipping weight, 170 pounds. Price.....\$10.90

Shipped from factory in Wisconsin.



EGG AND DART COPING MOLD

Climax Well Curbing Mold



Extremely simple, durable and easily operated machine for making blocks for well curbing. Also adapted for making blocks for water troughs, small culverts, etc.

Concrete blocks are especially durable for well curbing. They are very easily made in our Climax. The molds are made of cast iron and consist of the front and back plates and 2 end plates held in place by 2 end latches. One end has a half circle, vertical groove and the other end is in the form of a key, so that the blocks lock into each other when laid together. Make blocks for wells, water troughs or culverts from 3 to 10 feet diameter. Height of all blocks, 7 1/2 inches. Average length, 16 inches; thickness, 4 inches.

288X4040—For circle, diameter, 3 feet. Shipping weight, 50 pounds. Price.....\$4.00
288X4042—For circle, diameter, 4 feet. Shipping weight, 56 pounds. Price.....\$4.25
288X4044—For circle, diameter, 6 feet. Shipping weight, 82 pounds. Price.....\$4.70
288X4046—For circle, diameter, 8 feet. Shipping weight, 75 pounds. Price.....\$4.95
288X4048—For circle, diameter, 10 feet. Shipping weight, 82 pounds. Price.....\$5.50
Shipped from factory in Southern Wisconsin.



Western Chimney Mold

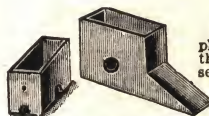
Handy for making Chimney, Pier and Gate Post Blocks. Rock face design. Brick, Panel or Plain design furnished instead of Rock if so ordered. A very simple mold, inexpensive and practical. Mold made of cast iron, being arranged so that it squares itself. Complete with core tapered for easy removal.

Article Number	Size Block, Inches	Size Core, Inches	Shipping Weight	Price
288X4190	8x8	4x4	35 pounds	\$4.30
288X4191	10x10	5x5	50 pounds	4.70
288X4192	12x12	6x6	60 pounds	4.35
288X4193	14x14	7x7	70 pounds	5.50
288X4194	16x16	8x8	85 pounds	5.50

Shipped from Factory in Wisconsin.

Perfection Iron Sockets

For Concrete Floors



Cast iron sockets to set in concrete floors to set studs in place of bolting wood sills. Make a more rigid connection than wood sills. When concrete is soft, the socket can be set as desired. Hole in the socket permits fastening the stud, to make it firm and rigid. Also hole for water drain. Give a firm foundation to stud and make rotting practically impossible. No bolts needed.

288X4056—For 2x4 studs. Shipping weight, 3 pounds. Each.....	20c
288X4058—For 2x6 studs. Shipping weight, 4 pounds. Each.....	25c
288X4060—For 2x8 studs. Shipping weight, 5 pounds. Each.....	30c
288X4062—For 4x6 studs. Shipping weight, 6 pounds. Each.....	35c

Shipped from factory in Southern Wisconsin.

Western Lawn Vase Mold



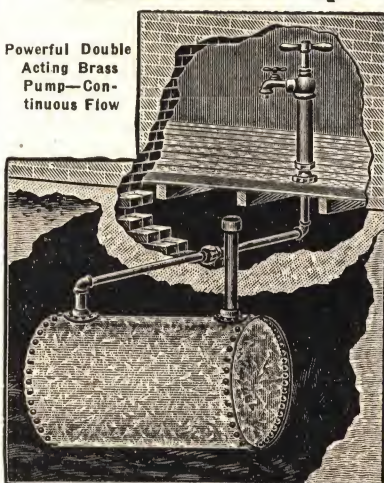
\$19⁵⁰

The popular vase mold illustrated is built of an excellent grade of gray iron castings. It is accurately fitted and arranged for convenient handling. An excellent opportunity is afforded to any person who wishes to get started in this line of work, as the mold is sold at a remarkably low price. Mold is very artistic in design and meets with general favor. Height, over all, 18 inches. Diameter of bowl, 16 inches, inside, 12 inches. Depth of bowl, 8 inches. Diameter of base, 11 inches.

288X4188—Mold for Vase and Base complete, shipping weight, 120 pounds. Price.....\$19.50

Shipped from Factory in Wisconsin.

Complete Outfits \$1735 and up



Climax Underground Gasoline Outfits

If you are a user of gasoline you need one of these outfits. The tank is intended to be buried in the ground, outside the building. We furnish with each outfit, two 4 foot lengths, one 1 foot length and one 2 foot length of 3/4 inch galvanized suction pipe, two 3/4 inch elbows and one 3/4 inch coupling, all galvanized. The pump can be placed inside the building and, by means of the hose attachment, gasoline can be pumped directly into any receptacle. The Pump is double acting, giving a continuous flow, very powerful, and made entirely of brass, except pump base, which is cast iron, enameled. Has 3/4 inch solid brass ball valves; outer cylinder, diameter, 2 inches; inner cylinder, 1 1/2 inches; both made of 18-gauge brass. Pump can be detached at base, making it easy to clean and to use for other purposes. Spout has 3/4 inch brass faucet with hose connection.

Outfits Bearing Underwriter's Label

The above outfits do not come under inspection of Board of Underwriters. If they must pass local inspection, be sure to order proper size and proper gauge steel in tank. If this is done, we can have the outfit approved by, and have labels of the National Board of Underwriters attached at an extra charge as given below. Outfits bear two labels, one on tank and one on pump.

288X8578—Extra for approved and labeled outfits, in place of regular, add.....\$3.90

Tanks are made in four sizes and in four gauges of steel. We recommend the heavier gauges, especially if for city use, or if the tank be close to surface. Heads and seams are riveted and soldered. The filler pipe is 2 inch black iron length, 2 1/2 feet, painted with asphaltum, and extends above the ground. The filler pipe has a riveted staple and a cast iron cap, with hasp, so it can be padlocked to prevent tampering with the gasoline. A small ventilator hole in the filler pipe cap relieves any vacuum caused by drawing off the oil. Inside of filler pipe is a strainer to strain the gasoline, when tank is filled. Strainer readily removed for cleaning. Suction pipe extends down to within 3/4 inch of tank bottom, and will drain the tank down to about 1 gallon. Shipping weights range from 90 to 250 pounds.

We recommend the purchase of 120-gallon tanks, as in many localities less than 100 gallons gasoline cannot be purchased at one time at minimum prices.

Article Number	Capacity Tank	18-gauge Tank	16-gauge Tank	14-gauge Tank	12-gauge Tank
288X8570	65-gal.	\$17.35	\$19.45	\$21.40	\$24.95
288X8572	120-gal.	22.15	23.95	26.20	30.85
288X8574	180-gal.	28.20	30.85	34.20	38.65
288X8576	240-gal.	32.60	36.25	40.85	47.75

Shipped from warehouse near Chicago.

New Climax Stave Silos

Economical, Serviceable and Satisfactory

Reduce Your Feeding Cost During the Winter Months. Usually the Cost of the Silo is Gained During One Winter's Feeding

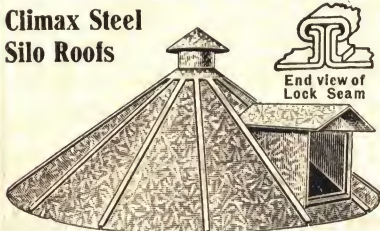
The many advantages derived from feeding ensilage to cattle during the Winter months are evident to every progressive farmer. The State Agricultural Experiment Stations are unanimous in their endorsement of the silo for cattle raisers. Your silo should be built strong enough to stand the pressure of packing of the ensilage. It should also be as near air-tight and water-tight as it is possible to make it. Ensilage is spoiled by contact with the outer air.

New Climax Silo Doors

One of the most important features of any silo are the doors. The door must be air-tight, easy to operate, of convenient size, strong, and provided with a safe, strong ladder, easy to climb. Satisfaction in the New Climax Silo begins at the door. The inside of the door is perfectly smooth. There is nothing to hinder the free settling of the silage. The edges of the doors are beveled and the doors are securely locked and drawn tight against the frame by means of levers or latches, which are drawn down on cast iron wedges. This makes the door air-tight. Two steel bars across each door form a safe, convenient ladder with rungs about 15 inches apart. Hinged doors are desirable as they are always kept in place and do not have to be carried up and down the ladder. Doors are regularly furnished without hinges, but hinges may be added at slight cost. Doors are easily removed from the hinges without removing a bolt or pin. With most hinged doors it is necessary to remove several feet of silage before the doors can be taken off the hinges. The doors of the New Climax Silo can be taken off by removing only 4 inches of ensilage from behind them. **Hoops and Lugs.** Each silo is furnished with enough round steel hoops of the proper size, to resist the strain placed upon them by the settling of the ensilage. Each hoop is made of two or more sections, depending on the diameter of the silo. Each section of the hoop is threaded 7 inches at each end. Heavy, malleable iron lugs connect the sections. Hoops are rolled to fit the circle of the silo so that you are not put to the trouble of bending them by hand. Staples are furnished to fasten the hoops to silo. These prevent hoops from falling in case they get loose. A special hoop wrench, to tighten the hoops, is sent with each silo.

If you are in doubt as to the kind or size of silo you need, or if your requirements are different from those of the average farmer, write us about the problem which is troubling you. Our experts will gladly give you any help or advice they can. Your inquiries will be given prompt and careful attention.

Climax Steel Silo Roofs



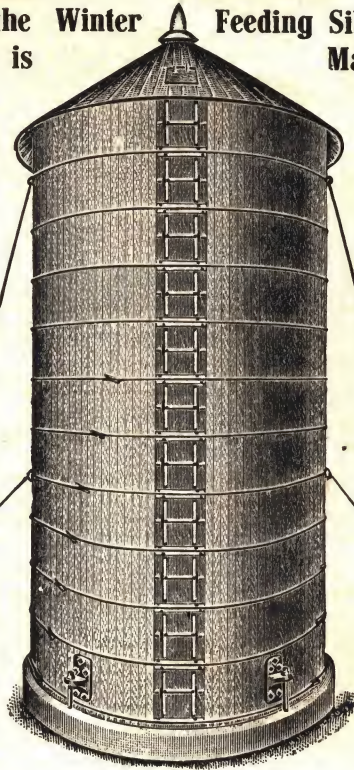
Made of 28-gauge galvanized steel, with or without dormer. For Wood, Cement, or other kinds of silos. No roof frame necessary. Will not check, dry out or warp. Less expensive than wood tops. Rainproof.
Shipped knocked down in sections. Easily put together. Each rib has four thicknesses of metal and is constructed as shown in small cut. Two cleats on under side of roof for attaching to side of silo. Each roof is 16 inches larger in diameter than the inside diameter of silo. Ventilator at top. When ordered without dormer a small filling door inside is supplied. Dormers take standard size 17 1/2 x 17 1/2 inch sash. Sash not furnished. On account of the thickness of concrete walls, allowance must be made for the greater diameter of roof by ordering next larger size.
For prices on Silo Hoops, Door Lugs, Take-up Lugs, Doors, and Guy Ropes, write for our Dairy Book.

Climax Steel Silo Roofs

Article Number	With Filling Door only (No dormer)	Complete with Dormer	For Silos Diameter 2 feet	Shipping Weights Pounds
288X7270	\$16.70	\$20.95	8	155
288X7272	18.95	24.00	10	180
288X7274	21.70	27.00	12	200
288X7276	24.55	30.00	14	220
288X7278	27.40	33.00	16	240
288X7280	30.25	36.00	18	260
288X7282	33.10	39.00	20	280

Shipped from factory in Central Illinois.

Feeding Silage Makes Your Cattle Fat and Healthy
Made of One or Two-Piece Clear Fir Staves



The staves of the New Climax Silo are made from 2x6-inch lumber (before dressing), tongued, grooved and beveled to conform to the circle of the silo. The staves are grooved about 1/2-inch deep. Tongues are made with enough clearance to go together easily when setting up the silo and still make an absolutely solid and air-tight joint. Staves will not get out of place even if they become loose. Washington Fir is especially desirable for building silos because it is durable, non-warping, non-shrinking, and may easily be procured in silo lengths.

The best grade is known as Clear Fir. This is the grade used in the New Climax Silo. One-piece staves are most to be desired. A large percentage of these are cut from clear heart stock. The one-piece staves used in the New Climax Silos are 90 per cent free from knots. Two-Piece Clear Fir Staves are of the same quality as the one-piece, but are shorter in length. The joint of the two-piece stave is made by using a galvanized steel spline, width, 2 inches, thickness, 1/8 inch. This fits tightly in the end of each stave and makes a strong, water-tight and air-tight joint.

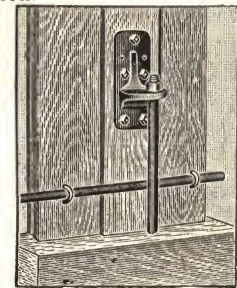
Roofs. Wooden roofs for the New Climax Silos are made of 1-inch cypress. The pieces are cut wedge shape, tongued and grooved. They will fit tightly. Each roof has a galvanized ventilator. Wood or galvanized steel roofs for silos are furnished at extra cost.

With each silo 14 feet or less in diameter, three anchors are furnished. Anchor cable is 7-strand galvanized wire. Silos over 14 feet in diameter are furnished with four anchors. The anchors regularly furnished are of the single pattern, which attach near the top. Double anchors, like those shown in the picture, are furnished at extra cost. Double anchors make the silo more steady and rigid and are therefore desirable.

An iron turnbuckle is regularly furnished with each anchor. By means of the turnbuckle the anchors may be kept uniformly taut.

Base Anchors

See illustration below. Anchors are of malleable iron and set about 12 inches above the foundation.



(Illustration)

Four of these base anchors are furnished with each silo. Steel rods are attached to the castings and extend down into the foundation. This makes the New Climax Silo as solid on its foundation as it is possible to have any wood silo. The rods are threaded at the top so that the slack can be taken up when necessary.

Article Number	Clear Fir 1-Piece Staves	Clear Fir 2-Piece Staves	Extra for Wood Roofs or Covers	Diameter Feet	Height Feet	Capacity Tons (Estimated)	Number Cattle Fed in 6 Months	Shipping Weights Pounds About
288X7234	\$107.75	\$101.00	\$13.15	10	20	30	11	4,400
288X7236	124.50	116.50	15.50	12	20	40	14	5,500
288X7238	142.50	133.00	18.00	14	20	50	17	6,600
288X7240	160.50	150.00	20.50	16	20	60	20	7,700
288X7242	178.50	167.00	23.00	18	20	70	23	8,800
288X7244	196.50	184.00	25.50	20	20	80	26	9,900
288X7246	214.50	201.00	28.00	22	20	90	29	11,000
288X7248	232.50	218.00	30.50	24	20	100	32	12,100

288X7248—Heavy Malleable Iron Hinges on Doors, per lineal foot of height of silo. Price \$25c
288X7250—Extra for short anchors to make double anchor system as shown above. (Long single anchors only regularly furnished.) Per silo. \$2.40

Shipped from factory in Iowa.
Other sizes quoted on application.

How to Figure Freight Charges

The tables below will show you the freight rates to various towns in every state. At the right under "Classification" we show the ways in which Building Material is classified. Different articles of merchandise take a different classification according to the direction in which it is shipped. Hence we have divided the states into groups.

The Western Group takes in Arizona, Arkansas, California, Colorado, Idaho, Illinois, Iowa, Kansas, Louisiana, Minnesota, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wisconsin and Wyoming.

The Eastern Group takes in Connecticut, Delaware, District of Columbia, Indiana, Kentucky, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia.

The Southern Group takes in Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee.

For instance, you live in Great Bend, Kansas, and wish to find the freight charges on common windows. Kansas is in the Western group and by referring to the classification table at the right you find that windows take third class rate in the Western group. In the columns below you find that the third class rate to Great Bend, Kansas, is 85c per 100 pounds. Hence this is the freight rate on common windows.

The Classification Table necessarily cannot show all the items in the book, but we believe you will find it complete enough to give you the freight charges on practically anything you want by making a few comparisons. It is also impossible for us to show all the shipping points in each state, but we have selected towns which give about the average of all the towns in each state. If your own town is not given, take the rate of the town nearest you.

If the article you want is not shown in this list, take something of a similar nature which will most likely be in the same class.

Classification

Articles	Western Group	Eastern Group	Southern Group
Balusters	3rd Class	3rd Class	4th Class
Brackets	3rd Class	3rd Class	4th Class
Base (wood)	4th Class	3rd Class	4th Class
Casing (wood)	4th Class	3rd Class	4th Class
Columns (wood)	4th Class	3rd Class	4th Class
Doors, common panel	4th Class	3rd Class	4th Class
Doors, glazed leaded	1st Class	1st Class	2nd Class
Doors, glazed plain	1st Class	1st Class	3rd Class
Doors, glazed plate	1st Class	1st Class	2nd Class
Flooring	4th Class	4th Class	4th Class
Frames, Door and Window	3rd Class	3rd Class	4th Class
K. D. and bundled	3rd Class	3rd Class	4th Class
Interior Trim (wood)	3rd Class	3rd Class	4th Class
Moldings (unfinished)	3rd Class	3rd Class	4th Class
Newels	3rd Class	3rd Class	4th Class
Sash Glazed, Common Glass	3rd Class	1st Class	2nd Class
Screens	1st Class	1st Class	2nd Class
Windows Glazed, Common	3rd Class	1st Class	3rd Class
Windows Glazed, Leaded	1st Class	1st Class	2nd Class

Freight per 100 Pounds

Town and State	First Class	Second Class	Third Class	Fourth Class
Alabama				
Birmingham	\$1.20	\$1.04	\$0.84	\$0.65
Brewton	1.56	1.29	1.06	.87
Mobile	1.10	.90	.75	.58
Montgomery	1.39	1.22	1.04	.80
Arizona				
Phoenix	2.80	2.42	2.03	1.71
Arkansas				
Arkansas City	1.15	.97	.74	.56
Newport	1.06	.87	.67	.55
Fort Smith	1.25	1.07	.84	.66
Little Rock	1.15	.97	.74	.56
California				
San Francisco	3.30	2.85	2.38	2.00
Colorado				
Denver	1.62	1.27	1.01	.81
Grand Junction	2.47	2.05	1.76	1.43
Connecticut				
New Haven	.99	.86	.66	.47
Delaware				
Wilmington	.90	.78	.59	.41
Dist. of Columbia				
Washington	.89	.77	.58	.40
Florida				
Jacksonville	1.36	1.15	1.01	.88
Tallahassee	1.85	1.62	1.39	1.11
Tampa	1.86	1.58	1.35	1.20
Georgia				
Atlanta	1.39	1.22	1.04	.81
Savannah	1.36	1.15	1.01	.88
Idaho				
Boise	2.68	2.28	1.94	1.62
Pocatello	2.47	2.05	1.77	1.43
Illinois				
Aurora	.36	.29	.22	.18
Cairo	.51	.43	.34	.27
Centralia	.45	.36	.29	.23
Danville	.43	.35	.27	.22
Galesburg	.39	.31	.24	.20
Harvard	.39	.31	.24	.20
Jacksonville	.38	.30	.23	.19
Mendota	.30	.25	.20	.15
Mt. Carroll	.27	.22	.19	.13
Oregon	.30	.25	.20	.15
Peoria	.32	.26	.21	.15
Waukegan	.39	.31	.24	.20
Joliet	.38	.30	.23	.19
Springfield	.42	.34	.27	.21
Indiana				
Anderson	.48	.41	.31	.21
Brazil	.45	.39	.29	.21
Evansville	.51	.44	.34	.23
Ft. Wayne	.48	.41	.31	.22
Indianapolis	.48	.41	.31	.21
Muncie	.48	.41	.31	.21
Terre Haute	.44	.37	.28	.21
Richmond	.50	.43	.31	.22
Iowa				
Des Moines	.37	.28	.22	.17
Dubuque	.23	.20	.16	.12
Keokuk	.35	.27	.21	.17
Marshalltown	.41	.34	.26	.21
Mason City	.43	.32	.24	.20
Oskaloosa	.33	.26	.20	.16
Sioux City	.60	.45	.35	.29
Kansas				
Dodge City	1.42	1.19	.98	.78
Great Bend	1.25	1.02	.85	.72
Kansas City	.60	.45	.35	.27
Topeka	.80	.62	.49	.38
Wichita	1.10	.91	.76	.60
Kentucky				
Ashland	.62	.54	.41	.29
Bowling Green	.89	.77	.63	.46
Frankfort	.72	.62	.51	.37
Lexington	.79	.69	.57	.38
Paducah	.50	.42	.35	.27
Hopkinsville	.86	.70	.59	.49
Morehead	.96	.81	.62	.44
Louisiana				
Alexandria	1.42	1.23	1.05	.89
New Orleans	1.10	.90	.75	.58
Shreveport	1.42	1.23	1.05	.89
Maine				
Auburn	.99	.86	.66	.47
Maryland				
Baltimore	.89	.77	.58	.40
Hagerstown	.89	.77	.58	.40

About Freight Charges

Freight charges are a very small item when you take into consideration the saving our prices will mean to you. Throughout the catalogue we have shown the weights of various articles and by referring to the tables below you can see for yourself that the freight will be a very small percentage of your total saving. Remember we have a large and efficient Traffic Department whose sole duty it is to look after shipping matters. Our experts, with years of practical experience, have worked out the best and most economical ways to pack and ship merchandise so as to take the lowest freight rate.

That we have been successful in saving money for our customers is demonstrated beyond a doubt by the fact that we are shipping Building Material into every state in the Union and to foreign countries as well.

Freight per 100 Pounds

Town and State	First Class	Second Class	Third Class	Fourth Class
Massachusetts				
Boston	.99	.86	.66	.47
Worcester	.99	.86	.66	.47
Michigan				
Alpena	.72	.61	.48	.38
Bay City	.58	.49	.38	.27
Cheboygan	.72	.61	.48	.39
Detroit	.51	.44	.31	.24
Pescanaba	.60	.50	.40	.28
Kalamazoo	.51	.44	.34	.24
Marquette	.63	.55	.40	.28
Saginaw	.58	.49	.38	.27
Bessemer	.65	.55	.44	.28
Minnesota				
Brainerd	.97	.80	.64	.43
Crookston	1.19	.99	.79	.55
Duluth	.65	.55	.44	.28
Minneapolis	.60	.50	.40	.25
Moorehead	.92	.80	.64	.44
Pipestone	.73	.63	.43	.31
St. Cloud	.84	.70	.56	.37
Aitkin	.90	.76	.61	.41
Mississippi				
Greenville	1.10	.90	.75	.58
Jackson	1.18	.99	.80	.67
Hattiesburg	1.38	1.16	.95	.79
Missouri				
Hannibal	.40	.32	.25	.20

Freight per 100 Pounds

Town and State	First Class	Second Class	Third Class	Fourth Class
Kirkville	.57	.45	.35	.25
De Soto	.67	.59	.48	.36
Kansas City	.60	.45	.35	.27
Springfield	.62	.52	.40	.32
Montana				
Billings	2.46	2.04	1.64	1.36
Glendive	2.16	1.78	1.42	1.12
Missoula	2.79	2.33	1.91	1.59
Havre	2.49	2.07	1.67	1.36
Helena	2.66	2.21	1.80	1.51
Kalispell	2.79	2.33	1.91	1.59
Nebraska				
Lincoln	.65	.50	.39	.31
North Platte	1.38	1.14	.89	.69
Omaha	.60	.45	.35	.27
Nevada				
Austin	3.56	3.20	2.83	2.37
Carson City	3.05	2.67	2.28	1.96
New Hampshire				
Concord	.99	.86	.66	.47
Plymouth	.99	.86	.66	.47
New Jersey				
Bridgeton	.95	.83	.64	.46
Paterson	.92	.80	.61	.43
Trenton	.92	.80	.61	.43
New Mexico				
Santa Fe	2.12	1.90	1.70	1.47
Silver City	2.20	1.97	1.79	1.66

By paying \$35.00 for an article of equal quality which you can buy for \$25.00, you are wasting your money. Many of us do this, however, because we don't know how and where to buy in order to make this saving.

The true way to save money is to so spend it that every dollar will do its full duty, so that out of your earnings you will have something to lay by.

Our prices make your savings greater than usual on each purchase. A nickel or a dime here, a dollar there and soon you find it growing into a snug little sum.

Many a good-sized bank account has been started with the savings made on orders sent to us. Our catalogues have started thousands in this good habit of saving.

Freight per 100 Pounds

Town and State	First Class	Second Class	Third Class	Fourth Class
New York				
Buffalo	.62	.54	.41	.29
Hudson	.92	.80	.61	.43
Rochester	.70	.61	.47	.33
Watertown	.92	.80	.61	.43
Albany	.89	.77	.59	.41
Syracuse	.77	.67	.52	.36
North Carolina				
Newberne	1.19	.99	.78	.59
Wilmington	1.28	1.03	.79	.59
North Dakota				
Bismarck	1.60	1.35	1.07	.76
Fargo	.92	.80	.64	.44
Grand Forks	1.24	1.04	.83	.58
Minot	1.75	1.49	1.20	.87
Oaks	1.21	1.00	.74	.56
Williston	1.99	1.66	1.36	.99
Ohio				
Canton	.58	.50	.37	.26
Columbus	.53	.46	.35	.25
Dayton	.56	.44	.34	.23
Painesville	.61	.52	.40	.27
Toledo	.61	.44	.32	.24
Oklahoma				
Oklahoma City	1.30	1.09	.97	.82
Oregon				
Portland	3.30	2.85	2.38	2.00
Pennsylvania				
Altoona	.74	.64	.49	.35
Bradford	.70	.61	.47	.33
Erie	.62	.54	.41	.29
Philadelphia	.90	.78	.59	.41
Uniontown	.68	.58	.45	.31
Harrisburg	.89	.77	.58	.40
Pittsburgh	.62	.54	.41	.29
Rhode Island				
Providence	.99	.86	.66	.47
South Carolina				
Charleston	1.36	1.15	1.01	.88
Columbia	1.46	1.29	1.10	.86
South Dakota				
Aberdeen	1.04	.90	.64	.48
Chamberlain	1.10	.95	.70	.54
Deadwood	1.89	1.57	1.32	1.08
Pierre	1.22	1.04	.80	.60
Scottland	.83	.70	.52	.43
Sioux Falls	.70	.55	.39	.30
Yankton	.80	.67	.47	.34
Bellefourche	1.89	1.57	1.32	1.08
Watertown	.96	.82	.64	.45
Tennessee				
Chattanooga	1.11	.95	.79	.62
Jackson	1.03	.86	.73	.59
Nashville	.79	.68	.54	.41
Texas				
El Paso	1.74	1.50	1.31	1.23
Fort Worth	1.61	1.37	1.13	1.03
Houston	1.61	1.37	1.13	1.03
Utah				
Salt Lake City	2.47	2.05	1.76	1.43
Vermont				
Montpelier	.99	.86	.66	.47
Virginia				
Norfolk	.89	.77	.58	.40
Richmond	.89	.77	.58	.40
Washington				
Spokane	2.80	2.42	2.03	1.71
West Virginia				
Charleston	.62	.54	.41	.29
Hinton	.89	.77	.58	.40
Wheeling	.62	.54	.41	.29
Wisconsin				
Ashland	.65	.55	.44	.28
Eau Claire	.60	.50	.40	.25
Green Bay	.43	.36	.29	.20
La Crosse	.50	.42	.33	.23
Madison	.40	.35	.27	.20
Milwaukee	.39	.31	.24	.20
Prairie Du Chien	.34	.29	.22	.17
Rhineland	.60	.50	.40	.25
Marinette	.43	.36	.29	.23
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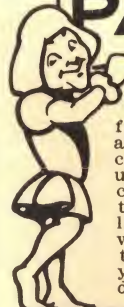
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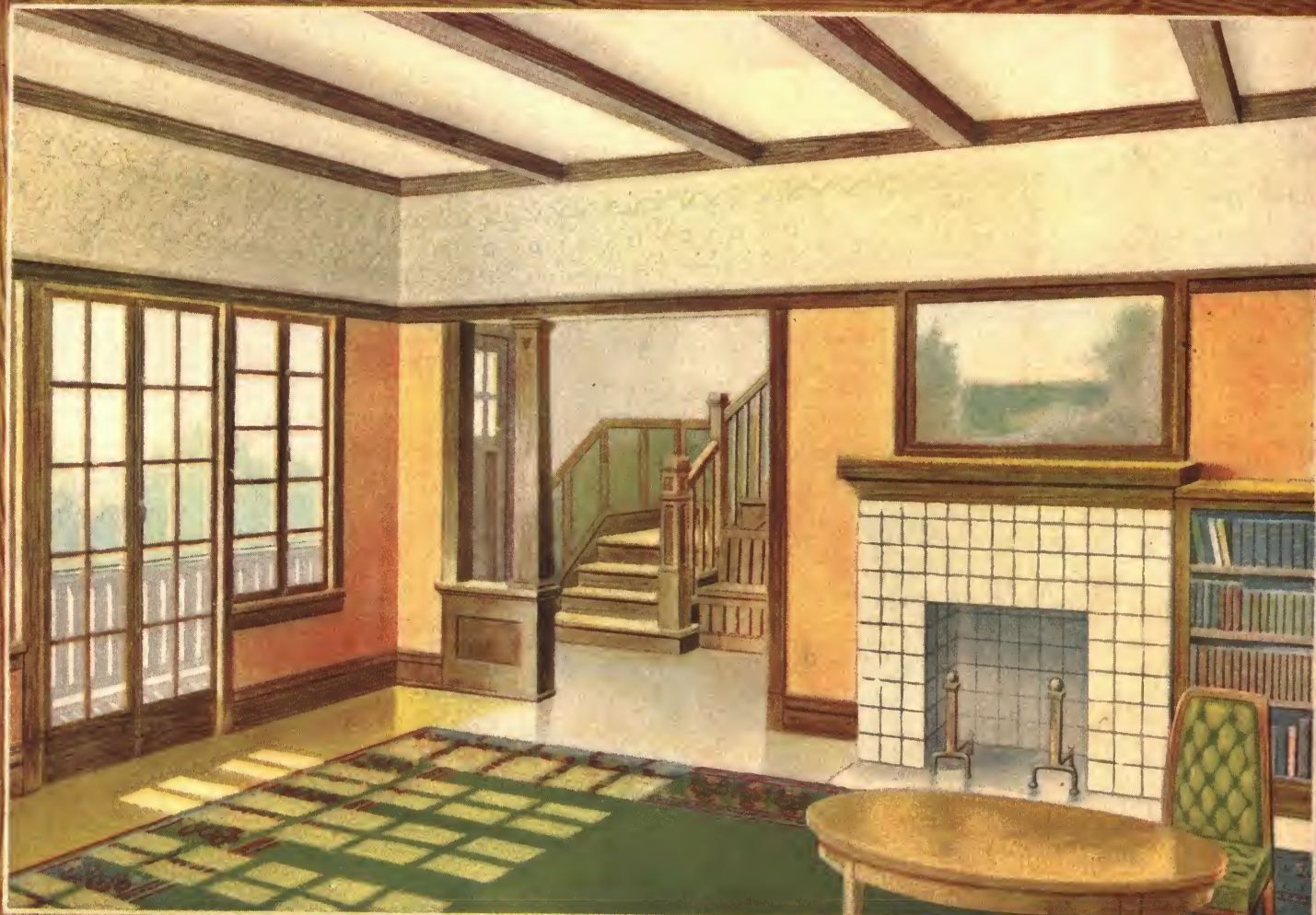
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